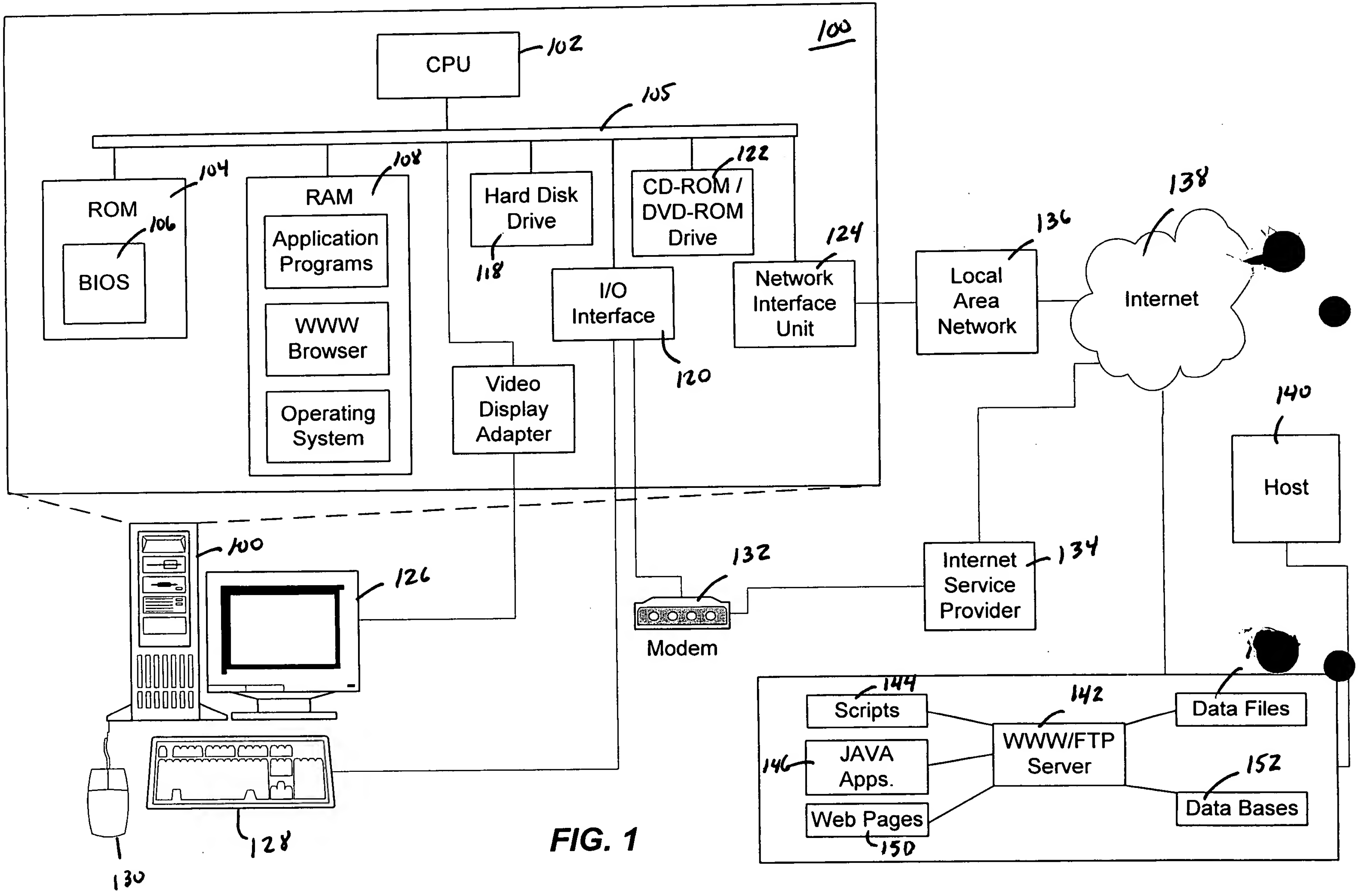


100
CPU
102
105
ROM
104
BIOS
106
RAM
108
Application Programs
WWW Browser
Operating System
Hard Disk Drive
118
CD-ROM / DVD-ROM Drive
122
I/O Interface
120
Network Interface Unit
124
Video Display Adapter
Local Area Network
136
Internet
138
Host
140
Internet Service Provider
134
Modem
132
100
126
128
130
Scripts
144
JAVA Apps.
146
Web Pages
150
WWW/FTP Server
142
Data Files
Data Bases
152

FIG. 1

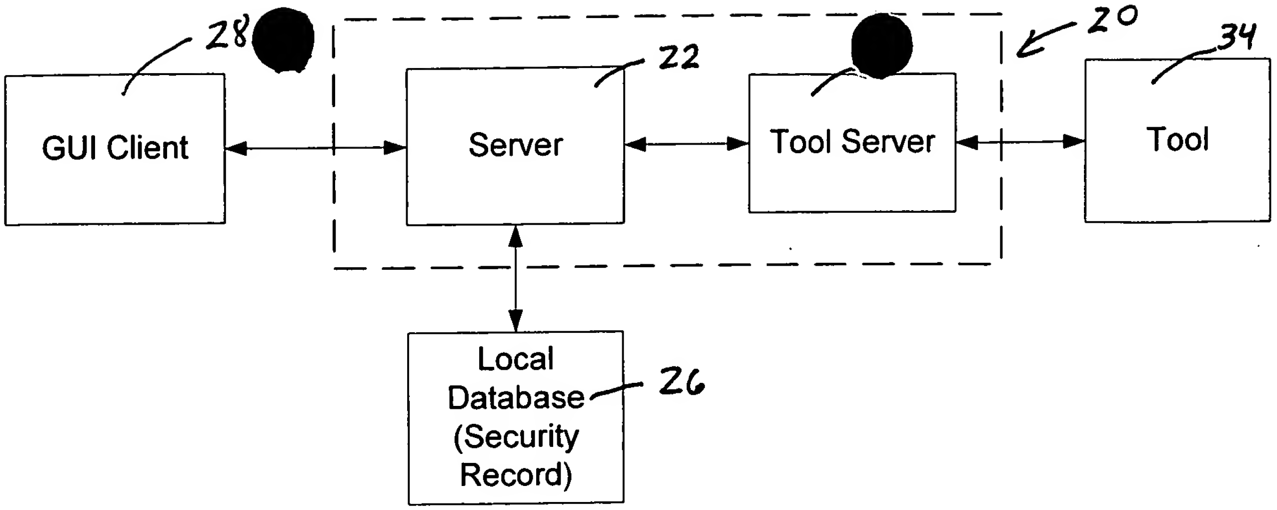

28
GUI Client
22
Server
Tool Server
20
34
Tool
Local
Database
(Security
Record)
26

FIG. 2

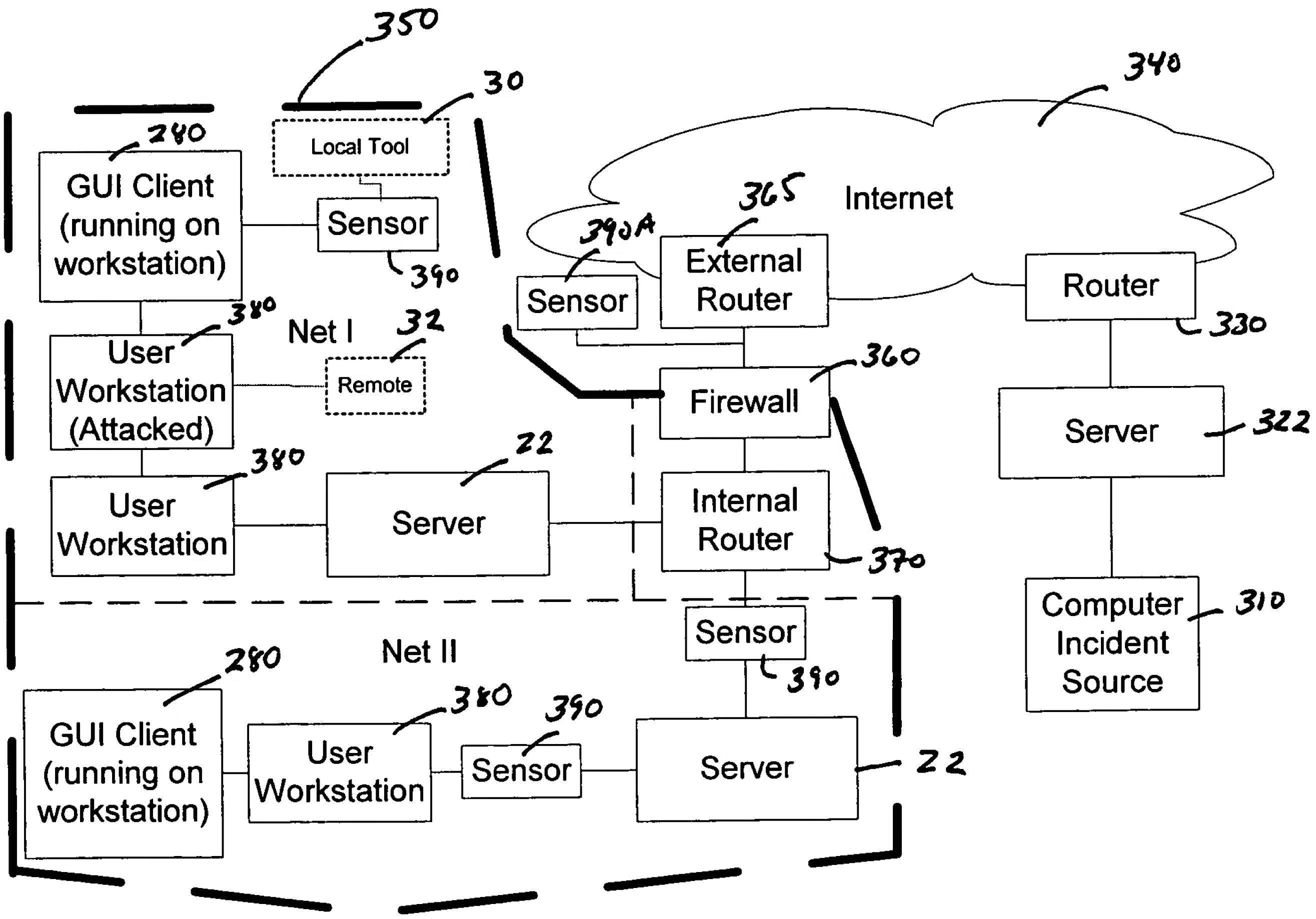
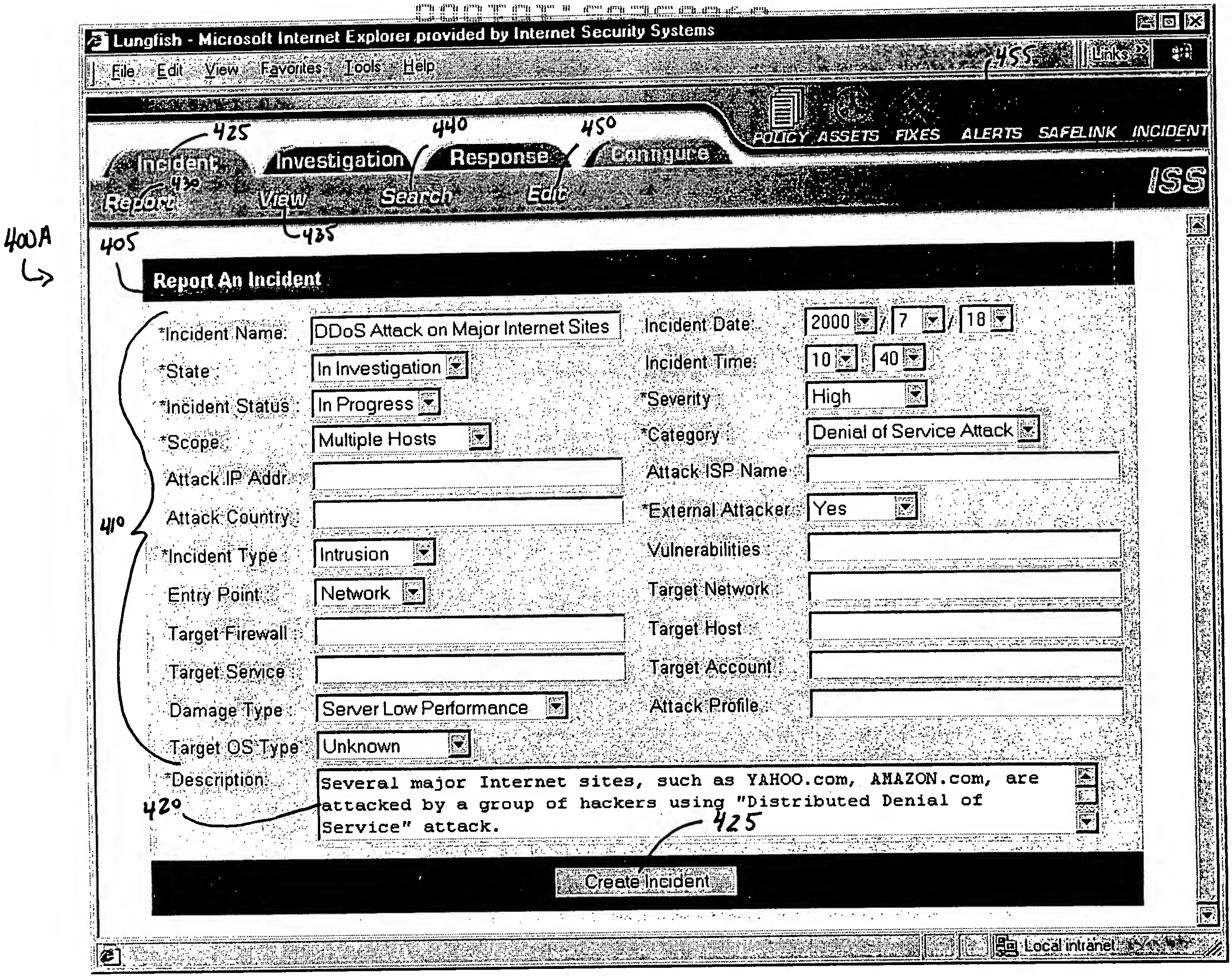

350
30
340
Local Tool
280
GUI Client
(running on
workstation)
Sensor
390
Internet
365
390A
External
Router
Sensor
Router
330
380
User
Workstation
(Attacked)
Net I
32
Remote
Firewall
360
Server
322
380
User
Workstation
22
Server
Internal
Router
370
Computer
Incident
Source
310
Sensor
390
280
Net II
GUI Client
(running on
workstation)
380
User
Workstation
390
Sensor
Server
22

FIG. 3



Report An Incident

*Incident Name: DDoS Attack on Major Internet Sites

*State: In Investigation

*Incident Status: In Progress

*Scope: Multiple Hosts

Attack IP Addr:

Attack Country:

*Incident Type: Intrusion

Entry Point: Network

Target Firewall:

Target Service:

Damage Type: Server Low Performance

Target OS Type: Unknown

Incident Date: 2000 / 7 / 18

Incident Time: 10 40

*Severity: High

*Category: Denial of Service Attack

Attack ISP Name:

*External Attacker: Yes

Vulnerabilities:

Target Network:

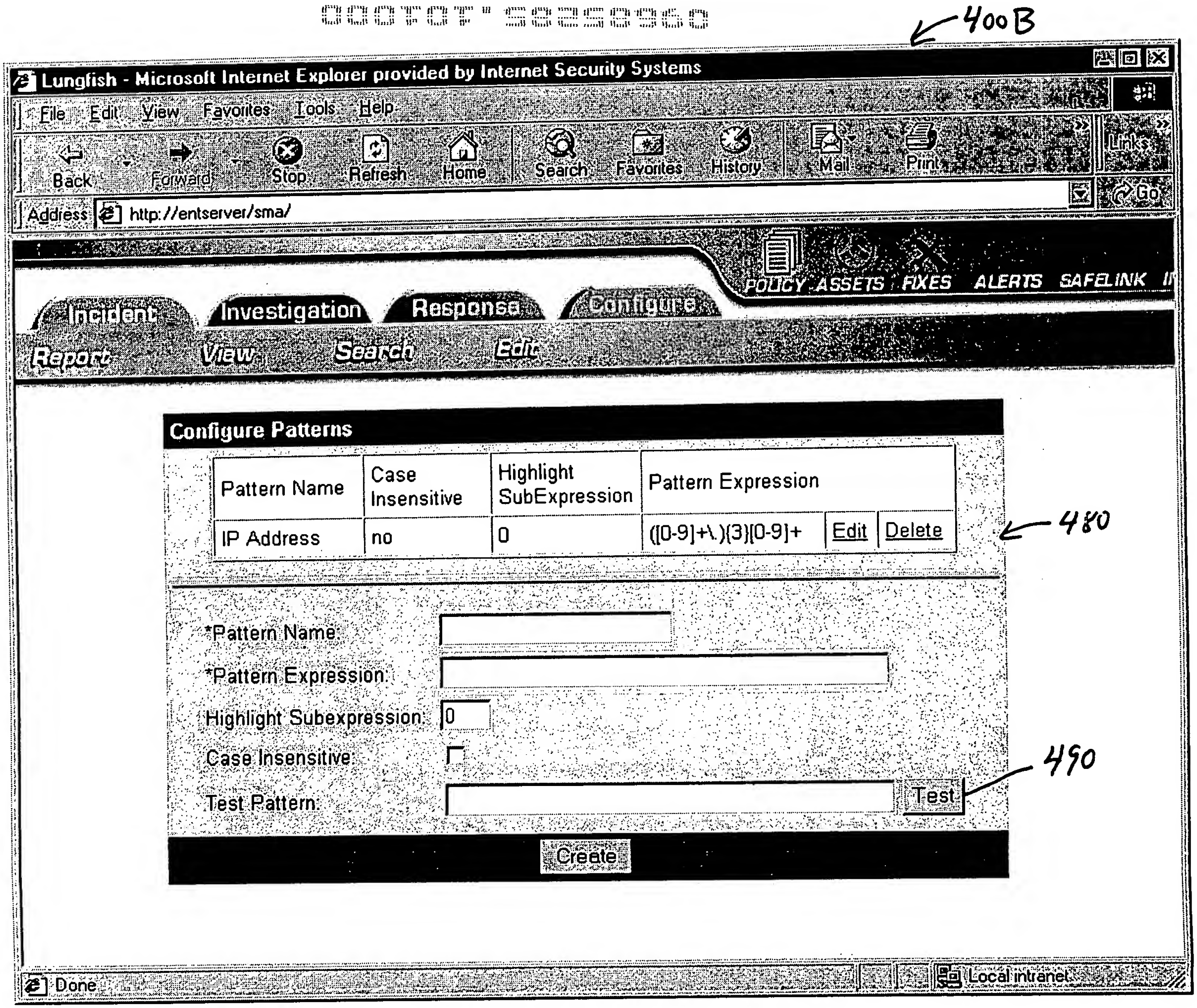
Target Host:

Target Account:

Attack Profile:

*Description: Several major Internet sites, such as YAHOO.com, AMAZON.com, are attacked by a group of hackers using "Distributed Denial of Service" attack.

Fig. 4A



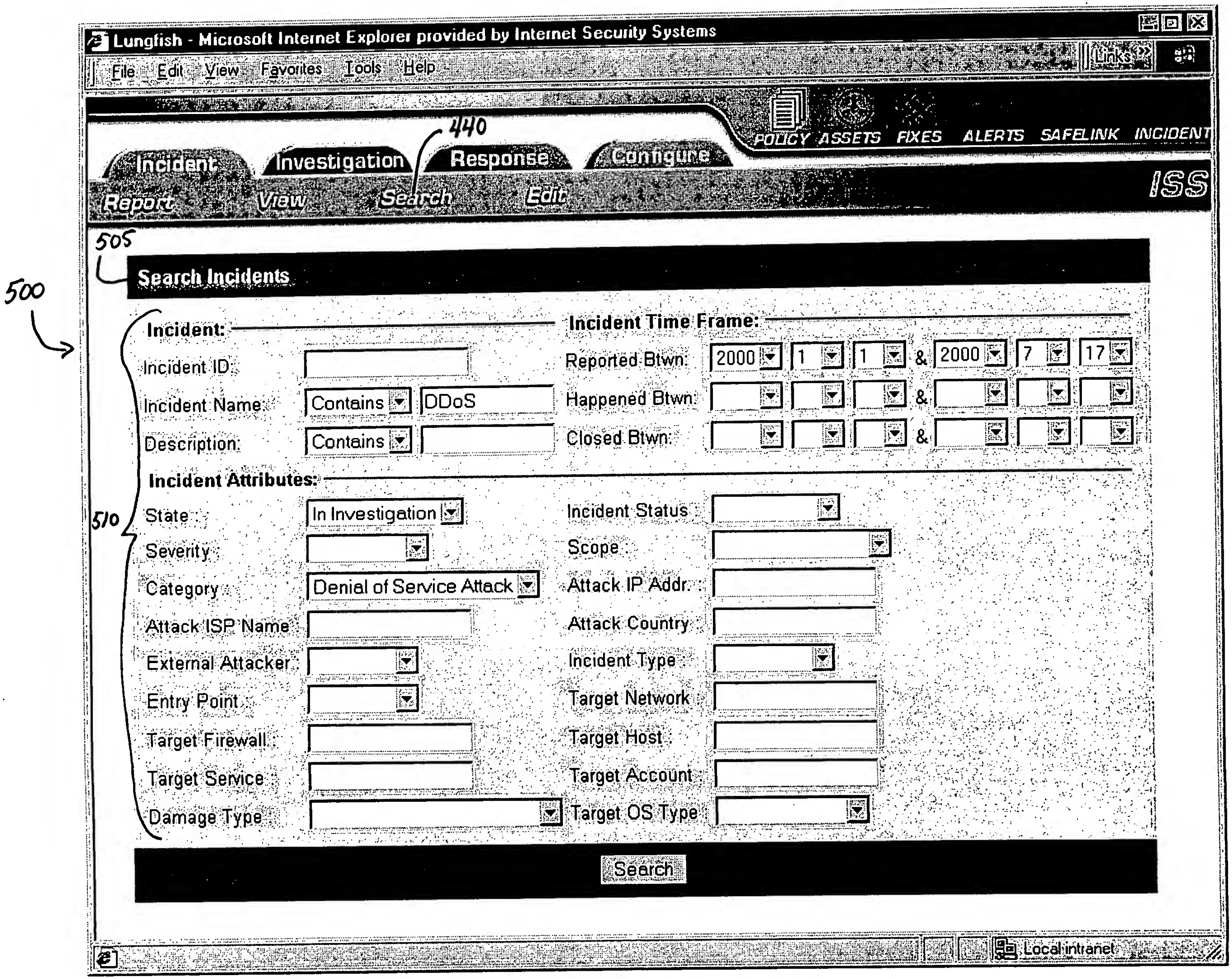
Configure Patterns

| Pattern Name | Case Insensitive | Highlight SubExpression | Pattern Expression | | |
|---|---|---|---|---|---|
| IP Address | no | 0 | ([0-9]+\.){3}[0-9]+ | Edit | Delete |

|  |  |
|---|---|
| *Pattern Name: | |
| *Pattern Expression: | |
| Highlight Subexpression: | 0 |
| Case Insensitive: | □ |
| Test Pattern: | Test |

Create

Fig. 4B



Lungfish - Microsoft Internet Explorer provided by Internet Security Systems

**Search Incidents**

**Incident:**

| | |
|---|---|
| Incident ID: | |
| Incident Name: | Contains ▾ DDoS |
| Description: | Contains ▾ |

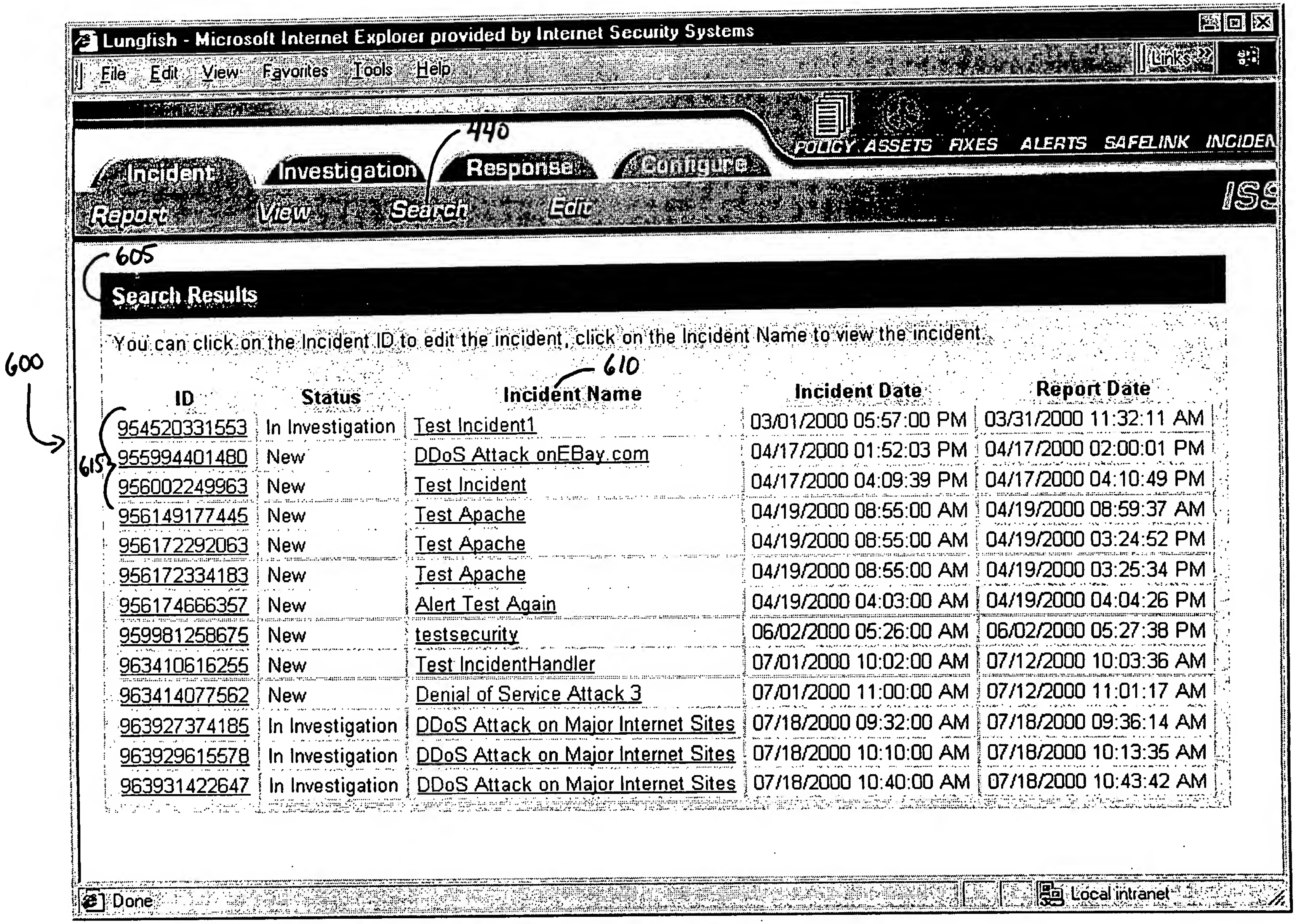
**Incident Time Frame:**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Reported Btwn: | 2000 ▾ | 1 ▾ | 1 ▾ | & | 2000 ▾ | 7 ▾ | 17 ▾ |
| Happened Btwn: | ▾ | ▾ | ▾ | & | ▾ | ▾ | ▾ |
| Closed Btwn: | ▾ | ▾ | ▾ | & | ▾ | ▾ | ▾ |

**Incident Attributes:**

| | | | |
|---|---|---|---|
| State: | In Investigation ▾ | Incident Status: | ▾ |
| Severity: | ▾ | Scope: | ▾ |
| Category: | Denial of Service Attack ▾ | Attack IP Addr.: | |
| Attack ISP Name: | | Attack Country: | |
| External Attacker: | ▾ | Incident Type: | ▾ |
| Entry Point: | ▾ | Target Network: | |
| Target Firewall: | | Target Host: | |
| Target Service: | | Target Account: | |
| Damage Type: | ▾ | Target OS Type: | ▾ |

Fig. 5

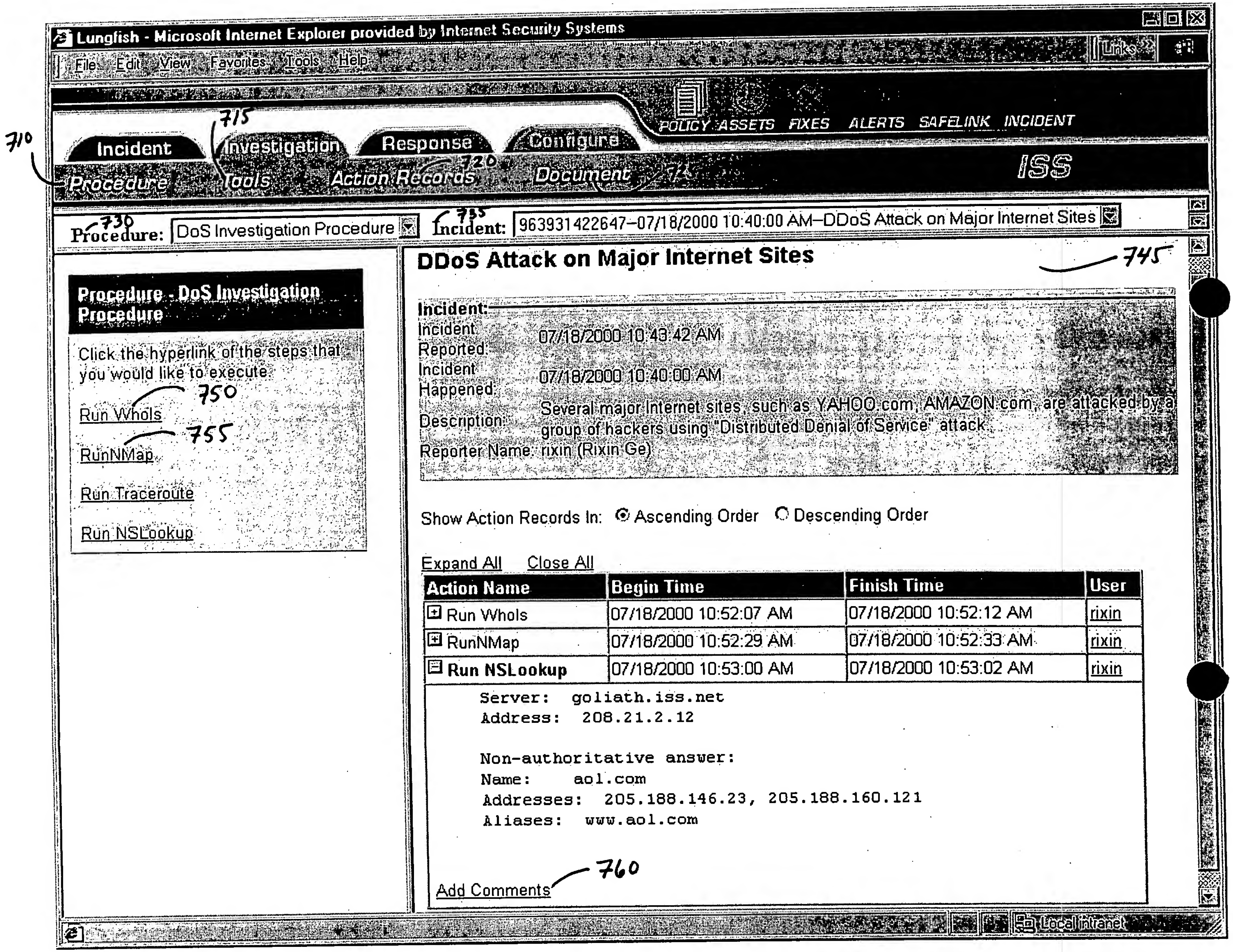


**Search Results**

You can click on the Incident ID to edit the incident, click on the Incident Name to view the incident.

| ID | Status | Incident Name | Incident Date | Report Date |
|---|---|---|---|---|
| 954520331553 | In Investigation | Test Incident1 | 03/01/2000 05:57:00 PM | 03/31/2000 11:32:11 AM |
| 955994401480 | New | DDoS Attack onEBay.com | 04/17/2000 01:52:03 PM | 04/17/2000 02:00:01 PM |
| 956002249963 | New | Test Incident | 04/17/2000 04:09:39 PM | 04/17/2000 04:10:49 PM |
| 956149177445 | New | Test Apache | 04/19/2000 08:55:00 AM | 04/19/2000 08:59:37 AM |
| 956172292063 | New | Test Apache | 04/19/2000 08:55:00 AM | 04/19/2000 03:24:52 PM |
| 956172334183 | New | Test Apache | 04/19/2000 08:55:00 AM | 04/19/2000 03:25:34 PM |
| 956174666357 | New | Alert Test Again | 04/19/2000 04:03:00 AM | 04/19/2000 04:04:26 PM |
| 959981258675 | New | testsecurity | 06/02/2000 05:26:00 AM | 06/02/2000 05:27:38 PM |
| 963410616255 | New | Test IncidentHandler | 07/01/2000 10:02:00 AM | 07/12/2000 10:03:36 AM |
| 963414077562 | New | Denial of Service Attack 3 | 07/01/2000 11:00:00 AM | 07/12/2000 11:01:17 AM |
| 963927374185 | In Investigation | DDoS Attack on Major Internet Sites | 07/18/2000 09:32:00 AM | 07/18/2000 09:36:14 AM |
| 963929615578 | In Investigation | DDoS Attack on Major Internet Sites | 07/18/2000 10:10:00 AM | 07/18/2000 10:13:35 AM |
| 963931422647 | In Investigation | DDoS Attack on Major Internet Sites | 07/18/2000 10:40:00 AM | 07/18/2000 10:43:42 AM |

*Fig. 6*



Procedure: DoS Investigation Procedure

Incident: 963931422647–07/18/2000 10:40:00 AM–DDoS Attack on Major Internet Sites

**Procedure - DoS Investigation Procedure**

Click the hyperlink of the steps that you would like to execute

Run WhoIs

RunNMap

Run Traceroute

Run NSLookup

**DDoS Attack on Major Internet Sites**

**Incident:**

| | |
|---|---|
| Incident Reported: | 07/18/2000 10:43:42 AM |
| Incident Happened: | 07/18/2000 10:40:00 AM |
| Description: | Several major Internet sites, such as YAHOO.com, AMAZON.com, are attacked by a group of hackers using "Distributed Denial of Service" attack. |
| Reporter Name: | rixin (Rixin Ge) |

Show Action Records In: ● Ascending Order ○ Descending Order

Expand All Close All

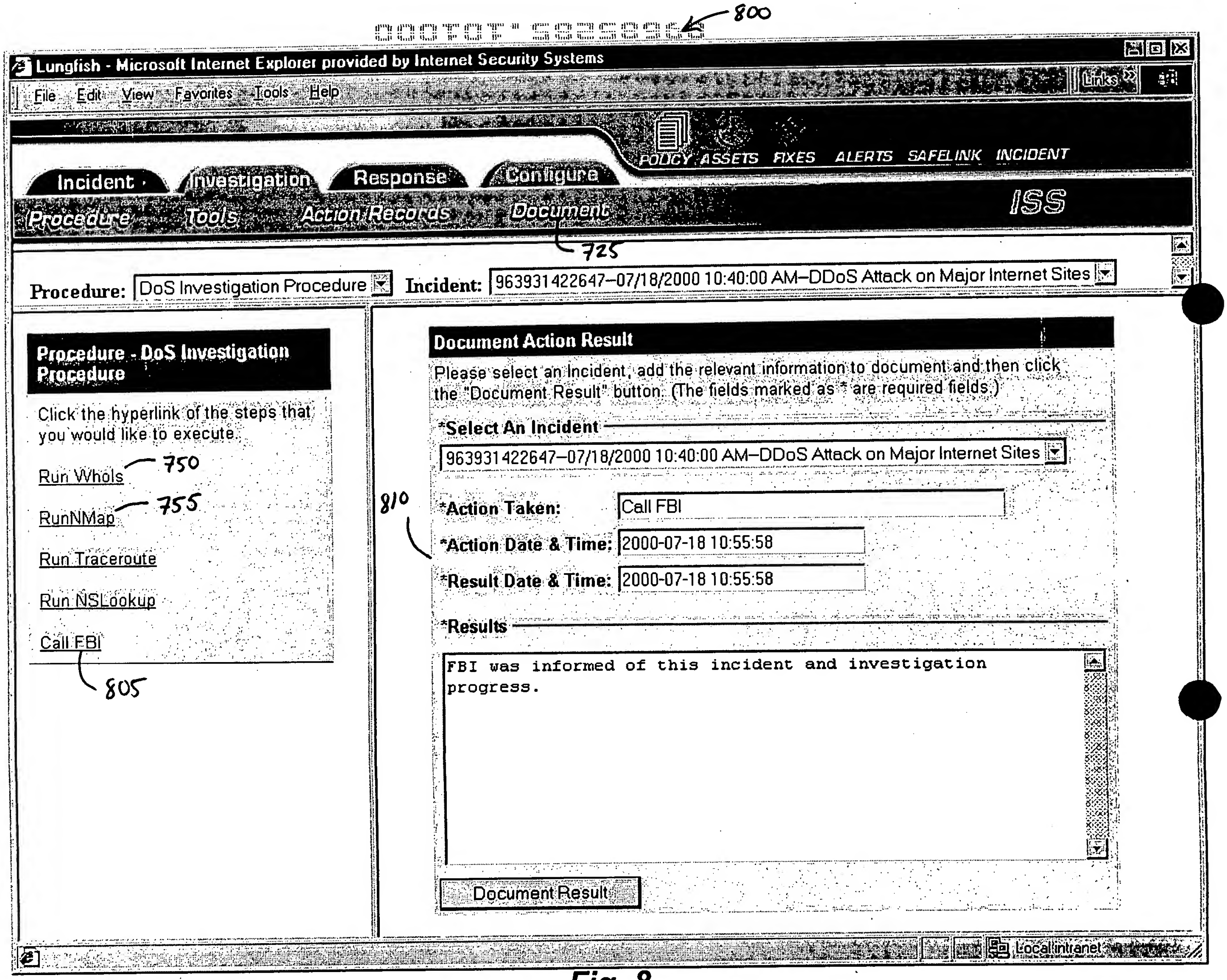
| Action Name | Begin Time | Finish Time | User |
|---|---|---|---|
| ⊞ Run WhoIs | 07/18/2000 10:52:07 AM | 07/18/2000 10:52:12 AM | rixin |
| ⊞ RunNMap | 07/18/2000 10:52:29 AM | 07/18/2000 10:52:33 AM | rixin |
| ⊟ **Run NSLookup** | 07/18/2000 10:53:00 AM | 07/18/2000 10:53:02 AM | rixin |

```
Server:   goliath.iss.net
Address:  208.21.2.12

Non-authoritative answer:
Name:     aol.com
Addresses:  205.188.146.23, 205.188.160.121
Aliases:  www.aol.com
```

Add Comments

*Fig. 7*


800
Lungfish - Microsoft Internet Explorer provided by Internet Security Systems
File Edit View Favorites Tools Help
Links
POLICY ASSETS FIXES ALERTS SAFELINK INCIDENT
Incident · Investigation Response Configure
Procedure Tools Action Records Document
ISS
725
750
755
810
805
Local intranet

**Procedure:** DoS Investigation Procedure **Incident:** 963931422647–07/18/2000 10:40:00 AM–DDoS Attack on Major Internet Sites

**Procedure - DoS Investigation Procedure**

Click the hyperlink of the steps that you would like to execute.

- Run WhoIs
- RunNMap
- Run Traceroute
- Run NSLookup
- Call FBI

**Document Action Result**

Please select an Incident, add the relevant information to document and then click the "Document Result" button. (The fields marked as * are required fields.)

***Select An Incident**

963931422647–07/18/2000 10:40:00 AM–DDoS Attack on Major Internet Sites

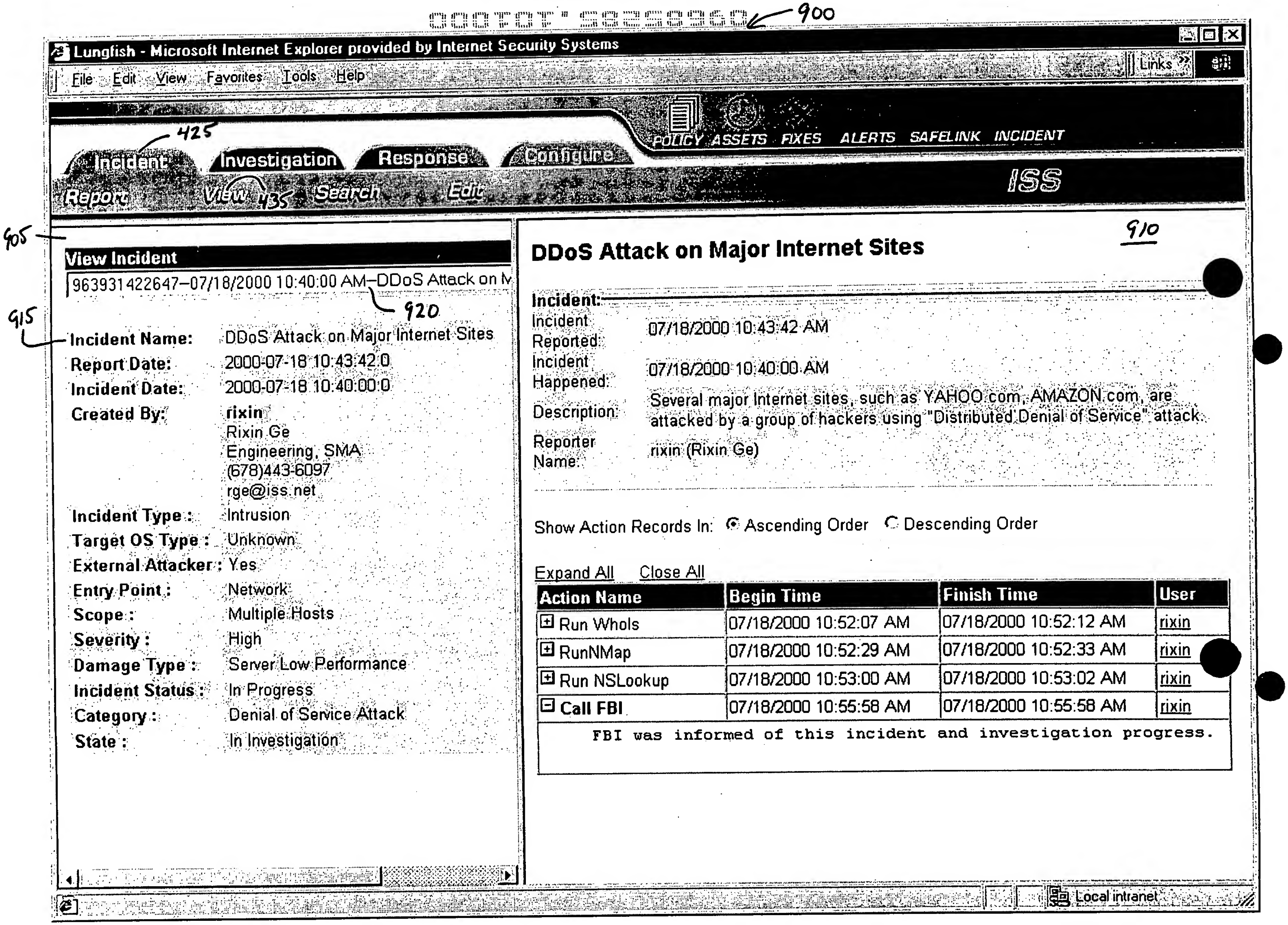
| | |
|---|---|
| ***Action Taken:** | Call FBI |
| ***Action Date & Time:** | 2000-07-18 10:55:58 |
| ***Result Date & Time:** | 2000-07-18 10:55:58 |

***Results**

```
FBI was informed of this incident and investigation
progress.
```

Document Result

Fig. 8


900
Lungfish - Microsoft Internet Explorer provided by Internet Security Systems
File Edit View Favorites Tools Help
Links
POLICY ASSETS FIXES ALERTS SAFELINK INCIDENT
425
Incident
Investigation
Response
Configure
Report
View
435
Search
Edit
ISS
905
910
915
920
Local intranet

**View Incident**

963931422647–07/18/2000 10:40:00 AM–DDoS Attack on M

| | |
|---|---|
| **Incident Name:** | DDoS Attack on Major Internet Sites |
| **Report Date:** | 2000-07-18 10:43:42.0 |
| **Incident Date:** | 2000-07-18 10:40:00.0 |
| **Created By:** | **rixin**<br>Rixin Ge<br>Engineering, SMA<br>(678)443-6097<br>rge@iss.net |
| **Incident Type :** | Intrusion |
| **Target OS Type :** | Unknown |
| **External Attacker :** | Yes |
| **Entry Point :** | Network |
| **Scope :** | Multiple Hosts |
| **Severity :** | High |
| **Damage Type :** | Server Low Performance |
| **Incident Status :** | In Progress |
| **Category :** | Denial of Service Attack |
| **State :** | In Investigation |

**DDoS Attack on Major Internet Sites**

**Incident:**

| | |
|---|---|
| Incident Reported: | 07/18/2000 10:43:42 AM |
| Incident Happened: | 07/18/2000 10:40:00 AM |
| Description: | Several major Internet sites, such as YAHOO.com, AMAZON.com, are attacked by a group of hackers using "Distributed Denial of Service" attack. |
| Reporter Name: | rixin (Rixin Ge) |

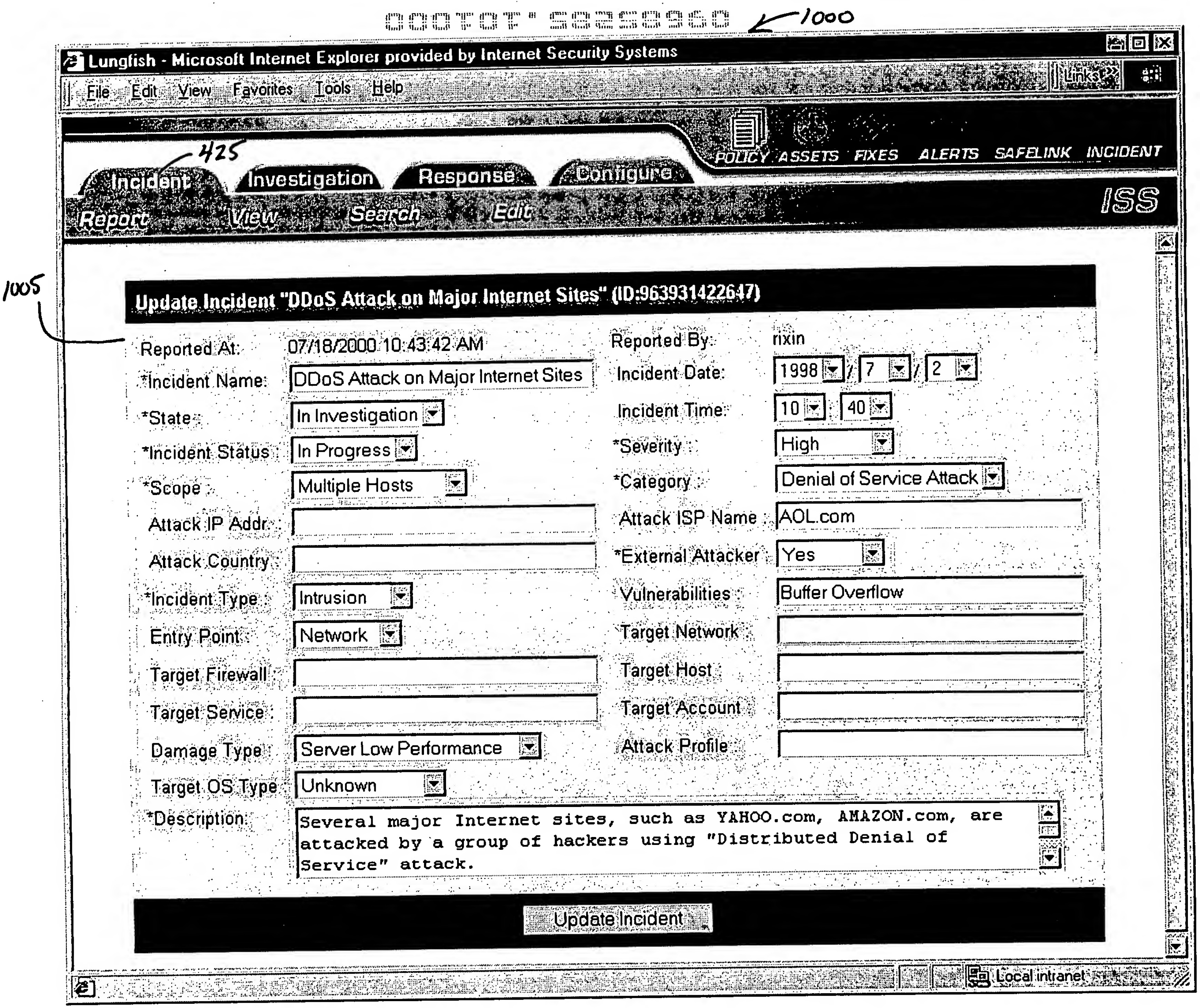
Show Action Records In: ● Ascending Order ○ Descending Order

Expand All Close All

| Action Name | Begin Time | Finish Time | User |
|---|---|---|---|
| ⊞ Run WhoIs | 07/18/2000 10:52:07 AM | 07/18/2000 10:52:12 AM | rixin |
| ⊞ RunNMap | 07/18/2000 10:52:29 AM | 07/18/2000 10:52:33 AM | rixin |
| ⊞ Run NSLookup | 07/18/2000 10:53:00 AM | 07/18/2000 10:53:02 AM | rixin |
| ⊟ **Call FBI** | 07/18/2000 10:55:58 AM | 07/18/2000 10:55:58 AM | rixin |

```
FBI was informed of this incident and investigation progress.
```

*Fig. 9*

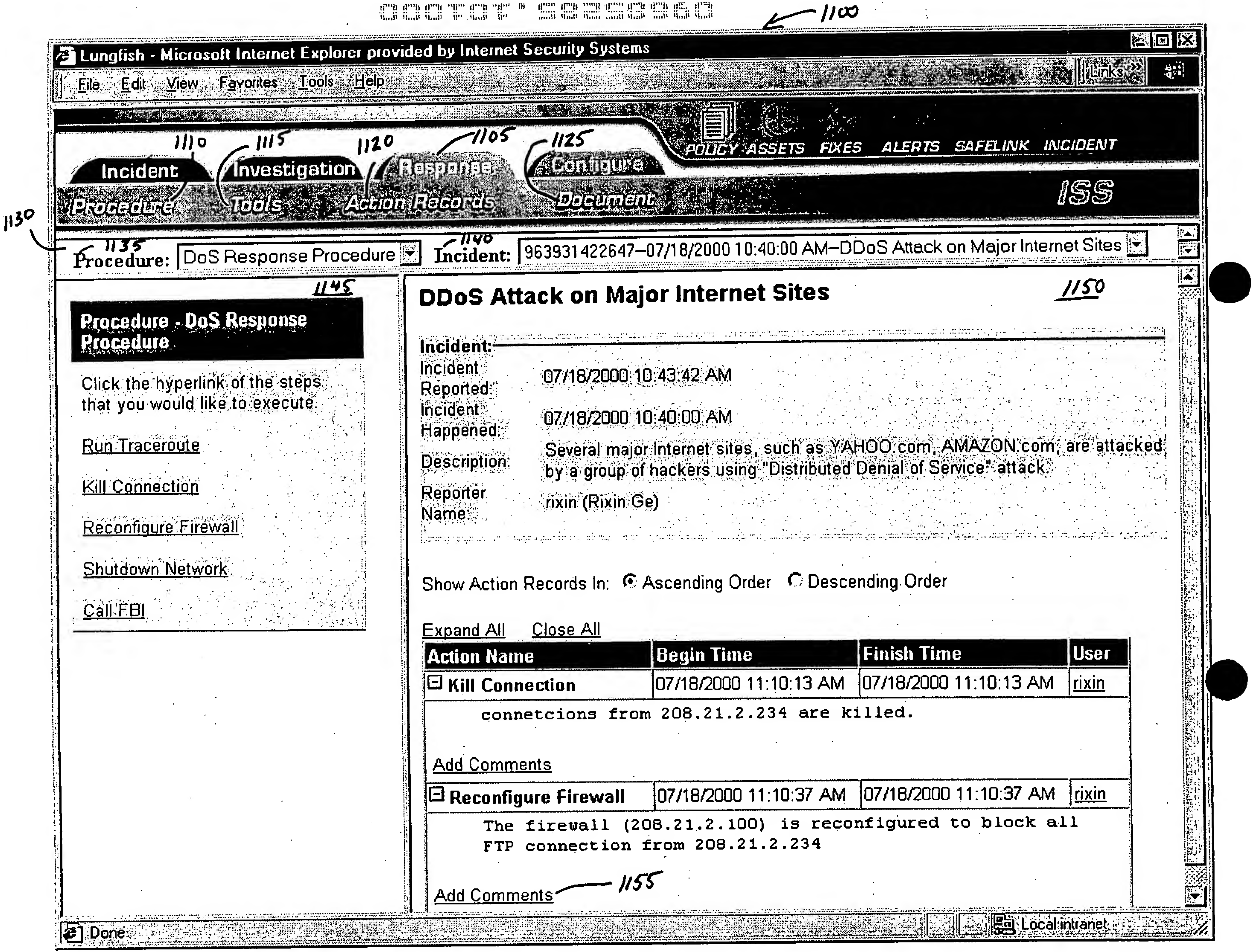


**Update Incident "DDoS Attack on Major Internet Sites" (ID:963931422647)**

| | | | |
|---|---|---|---|
| Reported At: | 07/18/2000 10:43:42 AM | Reported By: | rixin |
| *Incident Name: | DDoS Attack on Major Internet Sites | Incident Date: | 1998 / 7 / 2 |
| *State: | In Investigation | Incident Time: | 10 40 |
| *Incident Status: | In Progress | *Severity: | High |
| *Scope: | Multiple Hosts | *Category: | Denial of Service Attack |
| Attack IP Addr: | | Attack ISP Name: | AOL.com |
| Attack Country: | | *External Attacker: | Yes |
| *Incident Type: | Intrusion | Vulnerabilities: | Buffer Overflow |
| Entry Point: | Network | Target Network: | |
| Target Firewall: | | Target Host: | |
| Target Service: | | Target Account: | |
| Damage Type: | Server Low Performance | Attack Profile: | |
| Target OS Type: | Unknown | | |

*Description: Several major Internet sites, such as YAHOO.com, AMAZON.com, are attacked by a group of hackers using "Distributed Denial of Service" attack.

Fig. 10



Procedure: DoS Response Procedure

Incident: 963931422647–07/18/2000 10:40:00 AM–DDoS Attack on Major Internet Sites

**Procedure - DoS Response Procedure**

Click the hyperlink of the steps that you would like to execute.

Run Traceroute

Kill Connection

Reconfigure Firewall

Shutdown Network

Call FBI

**DDoS Attack on Major Internet Sites**

**Incident:**

| | |
|---|---|
| Incident Reported: | 07/18/2000 10:43:42 AM |
| Incident Happened: | 07/18/2000 10:40:00 AM |
| Description: | Several major Internet sites, such as YAHOO.com, AMAZON.com, are attacked by a group of hackers using "Distributed Denial of Service" attack. |
| Reporter Name: | rixin (Rixin Ge) |

Show Action Records In: ● Ascending Order ○ Descending Order

Expand All Close All

| Action Name | Begin Time | Finish Time | User |
|---|---|---|---|
| ⊟ **Kill Connection** | 07/18/2000 11:10:13 AM | 07/18/2000 11:10:13 AM | rixin |

```
connetcions from 208.21.2.234 are killed.
```

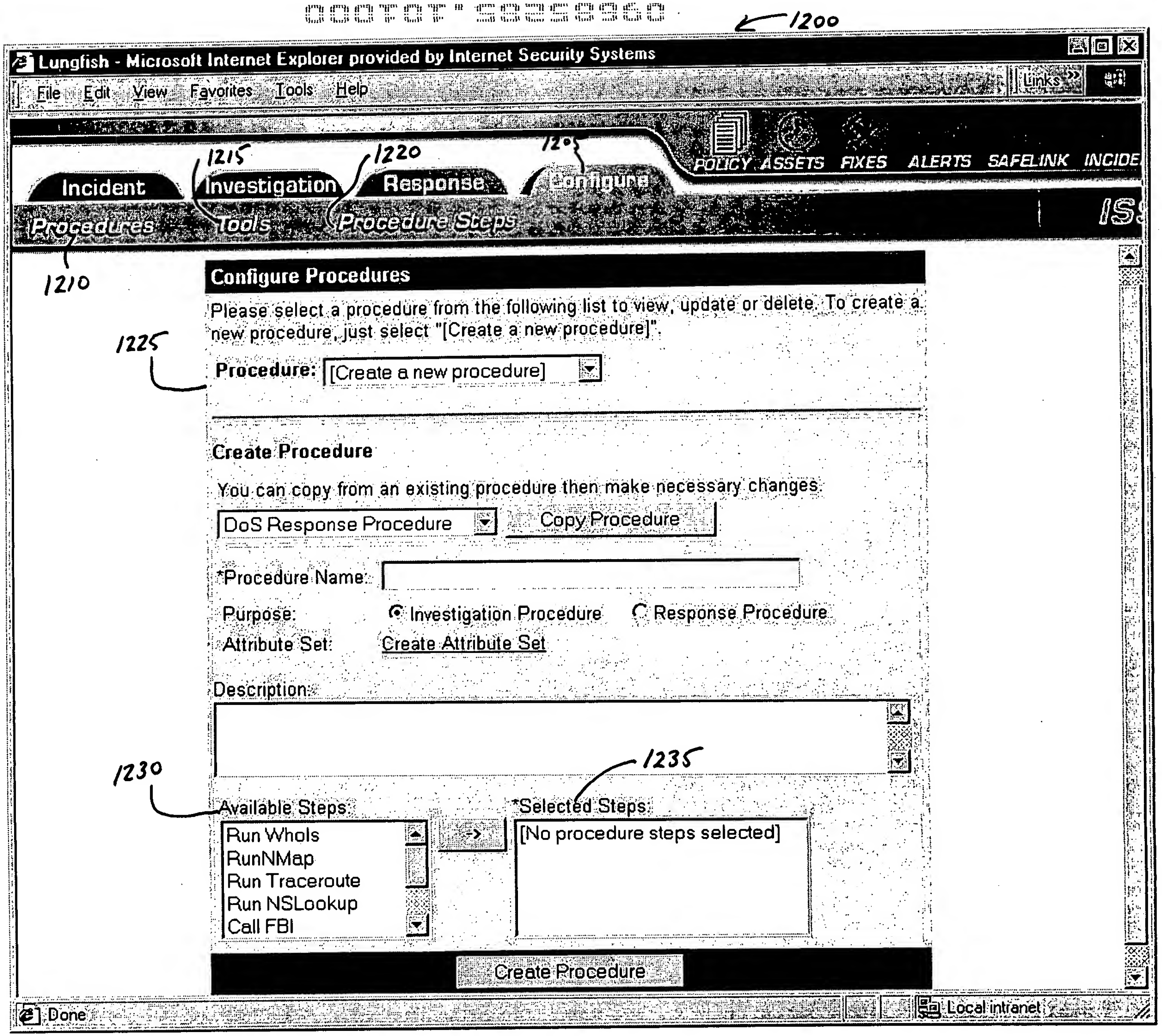
Add Comments

| Action Name | Begin Time | Finish Time | User |
|---|---|---|---|
| ⊟ **Reconfigure Firewall** | 07/18/2000 11:10:37 AM | 07/18/2000 11:10:37 AM | rixin |

```
The firewall (208.21.2.100) is reconfigured to block all
FTP connection from 208.21.2.234
```

Add Comments

Fig. 11



Lungfish - Microsoft Internet Explorer provided by Internet Security Systems

**Configure Procedures**

Please select a procedure from the following list to view, update or delete. To create a new procedure, just select "[Create a new procedure]".

**Procedure:** [Create a new procedure]

**Create Procedure**

You can copy from an existing procedure then make necessary changes.

DoS Response Procedure | Copy Procedure

*Procedure Name:

Purpose: ● Investigation Procedure ○ Response Procedure

Attribute Set: Create Attribute Set

Description:

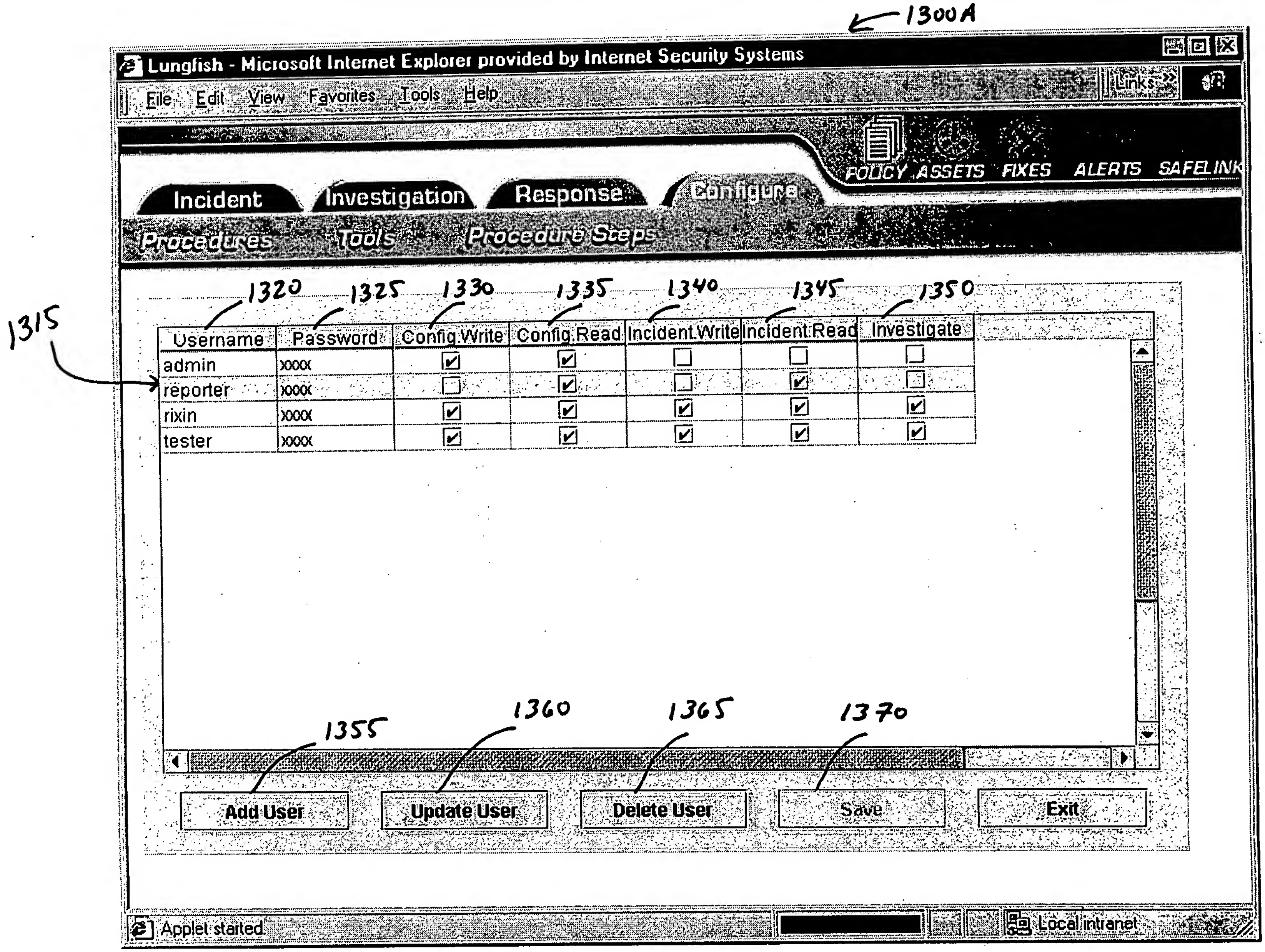
Available Steps:
Run WhoIs
RunNMap
Run Traceroute
Run NSLookup
Call FBI

->

*Selected Steps:
[No procedure steps selected]

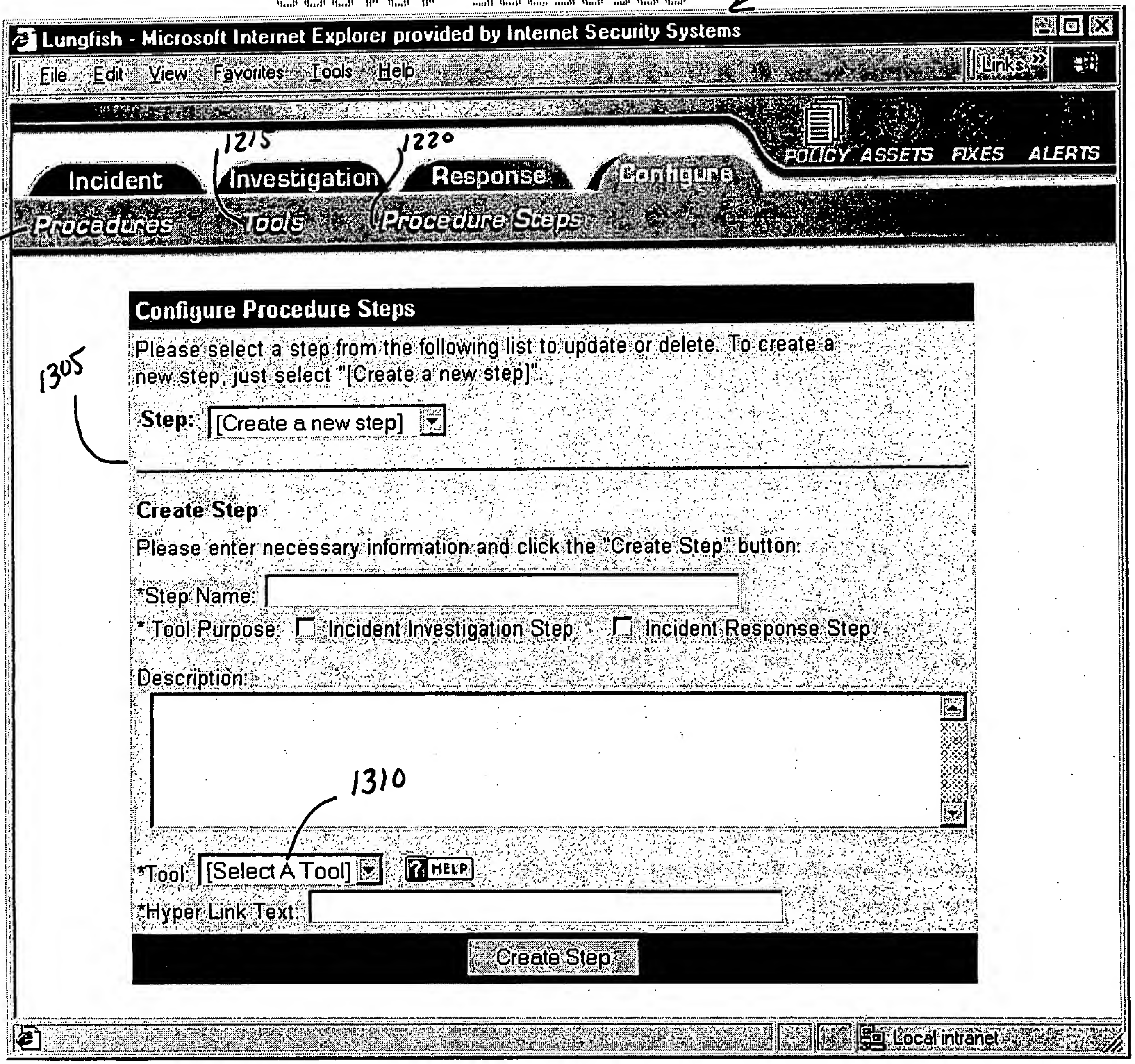
Create Procedure

Fig. 12



| Username | Password | Config.Write | Config.Read | Incident.Write | Incident.Read | Investigate |
|---|---|---|---|---|---|---|
| admin | xxxx | ☑ | ☑ | □ | □ | □ |
| reporter | xxxx | □ | ☑ | □ | ☑ | □ |
| rixin | xxxx | ☑ | ☑ | ☑ | ☑ | ☑ |
| tester | xxxx | ☑ | ☑ | ☑ | ☑ | ☑ |

Fig. 13A


1300B
Lungfish - Microsoft Internet Explorer provided by Internet Security Systems
File Edit View Favorites Tools Help
Links
POLICY ASSETS FIXES ALERTS
Incident
Investigation
Response
Configure
1210
Procedures
1215
Tools
1220
Procedure Steps
1305
1310
HELP
Create Step
Local intranet

**Configure Procedure Steps**

Please select a step from the following list to update or delete. To create a new step, just select "[Create a new step]".

**Step:** [Create a new step] ▼

**Create Step**

Please enter necessary information and click the "Create Step" button:

*Step Name:

* Tool Purpose: □ Incident Investigation Step □ Incident Response Step

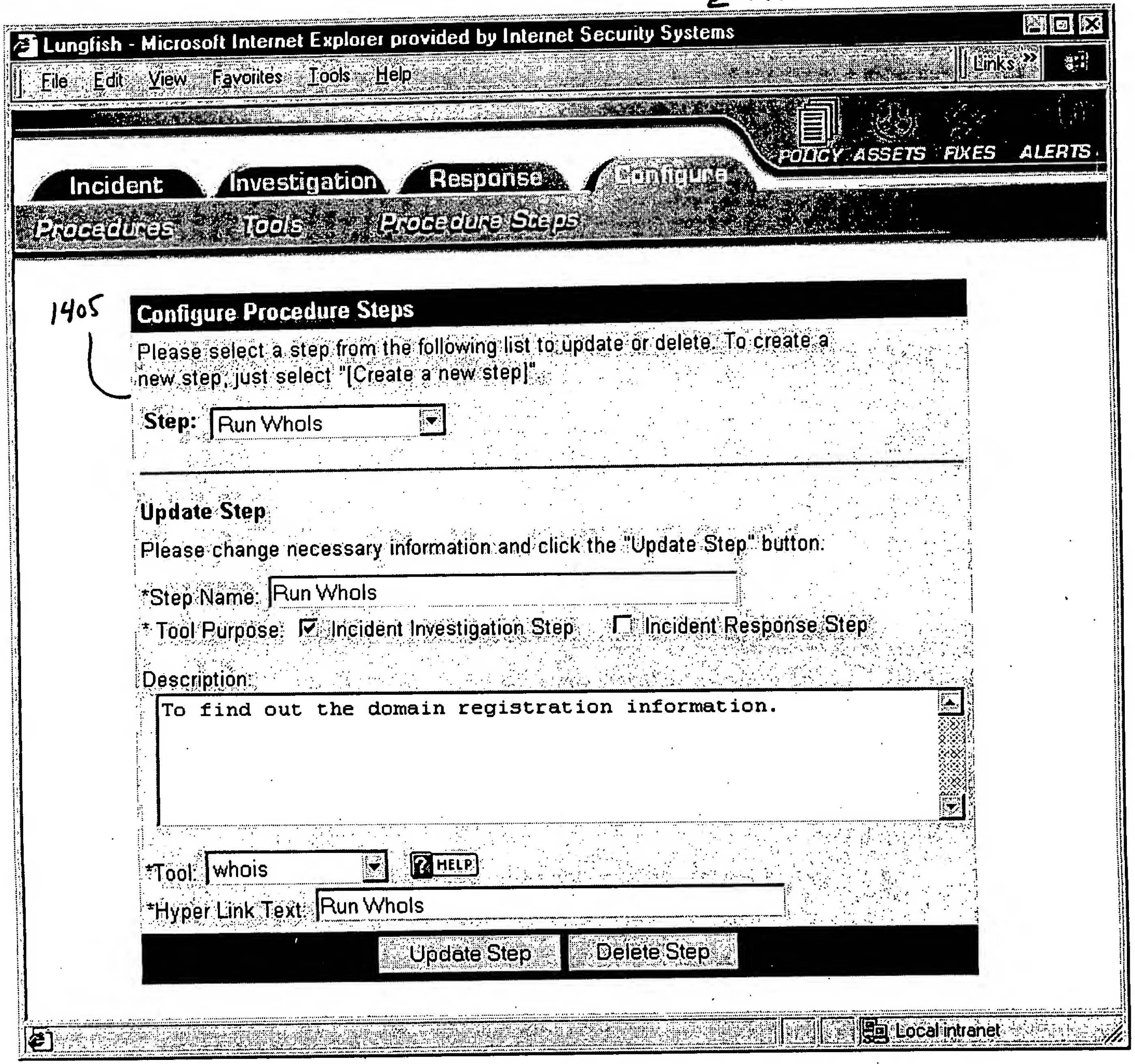
Description:

*Tool: [Select A Tool] ▼

*Hyper Link Text:

Fig. 13B

1400



Lungfish - Microsoft Internet Explorer provided by Internet Security Systems
File Edit View Favorites Tools Help
Links »
POLICY ASSETS FIXES ALERTS
Incident
Investigation
Response
Configure
Procedures
Tools
Procedure Steps
HELP
Update Step
Delete Step
Local intranet

1405

**Configure Procedure Steps**

Please select a step from the following list to update or delete. To create a new step, just select "[Create a new step]".

**Step:** Run WhoIs ▾

**Update Step**

Please change necessary information and click the "Update Step" button.

*Step Name: Run WhoIs

* Tool Purpose: ☑ Incident Investigation Step ☐ Incident Response Step

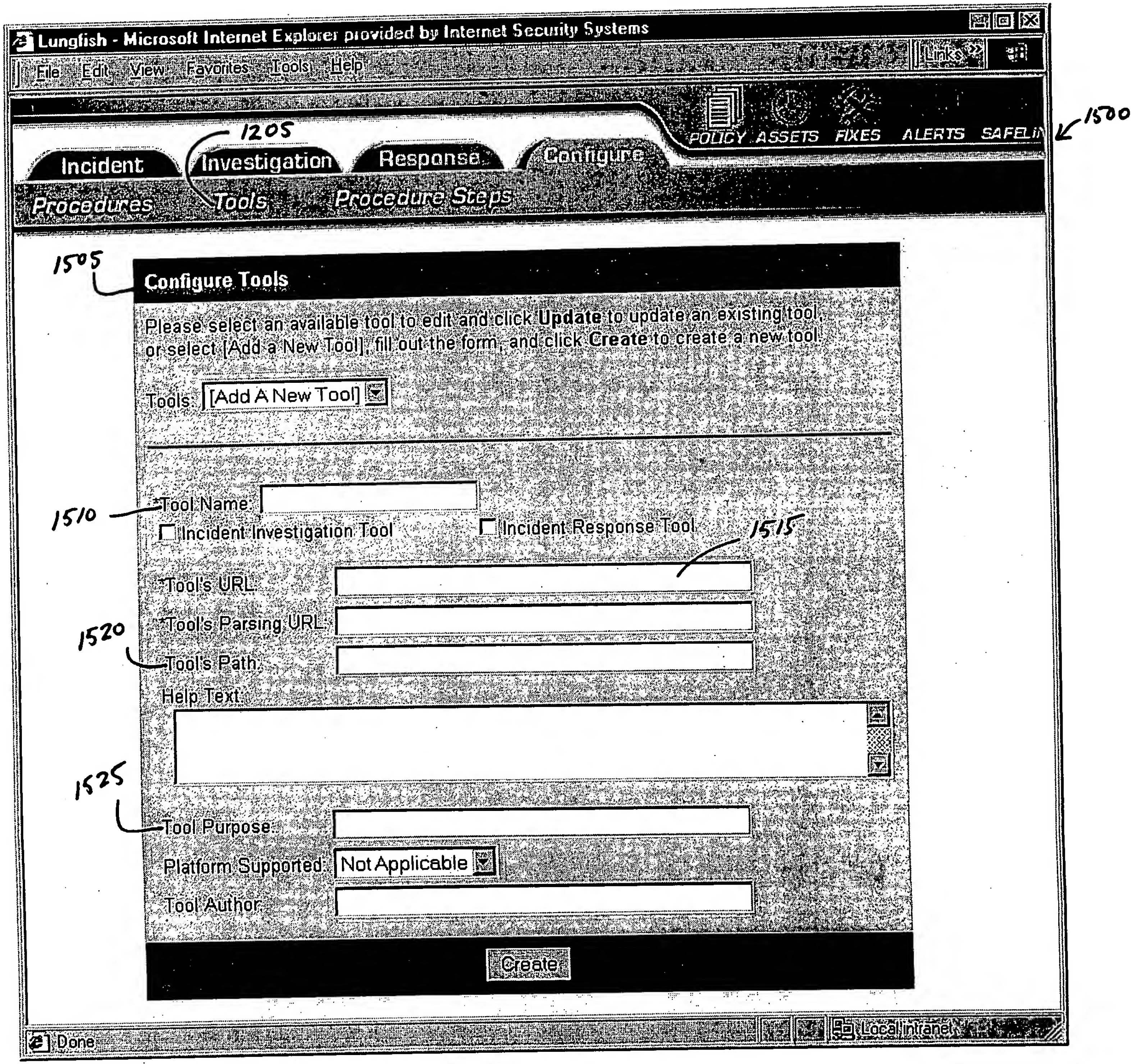
Description:

```
To find out the domain registration information.
```

*Tool: whois ▾

*Hyper Link Text: Run WhoIs

Fig. 14


Lungfish - Microsoft Internet Explorer provided by Internet Security Systems
File Edit View Favorites Tools Help
Links »
POLICY ASSETS FIXES ALERTS SAFELI
Incident Investigation Response Configure
Procedures Tools Procedure Steps
1500
1205
1505
1510
1515
1520
1525
Create
Done
Local intranet

Configure Tools

Please select an available tool to edit and click **Update** to update an existing tool, or select [Add a New Tool], fill out the form, and click **Create** to create a new tool.

Tools: [Add A New Tool]

*Tool Name:

□ Incident Investigation Tool □ Incident Response Tool

*Tool's URL:

*Tool's Parsing URL:

Tool's Path:

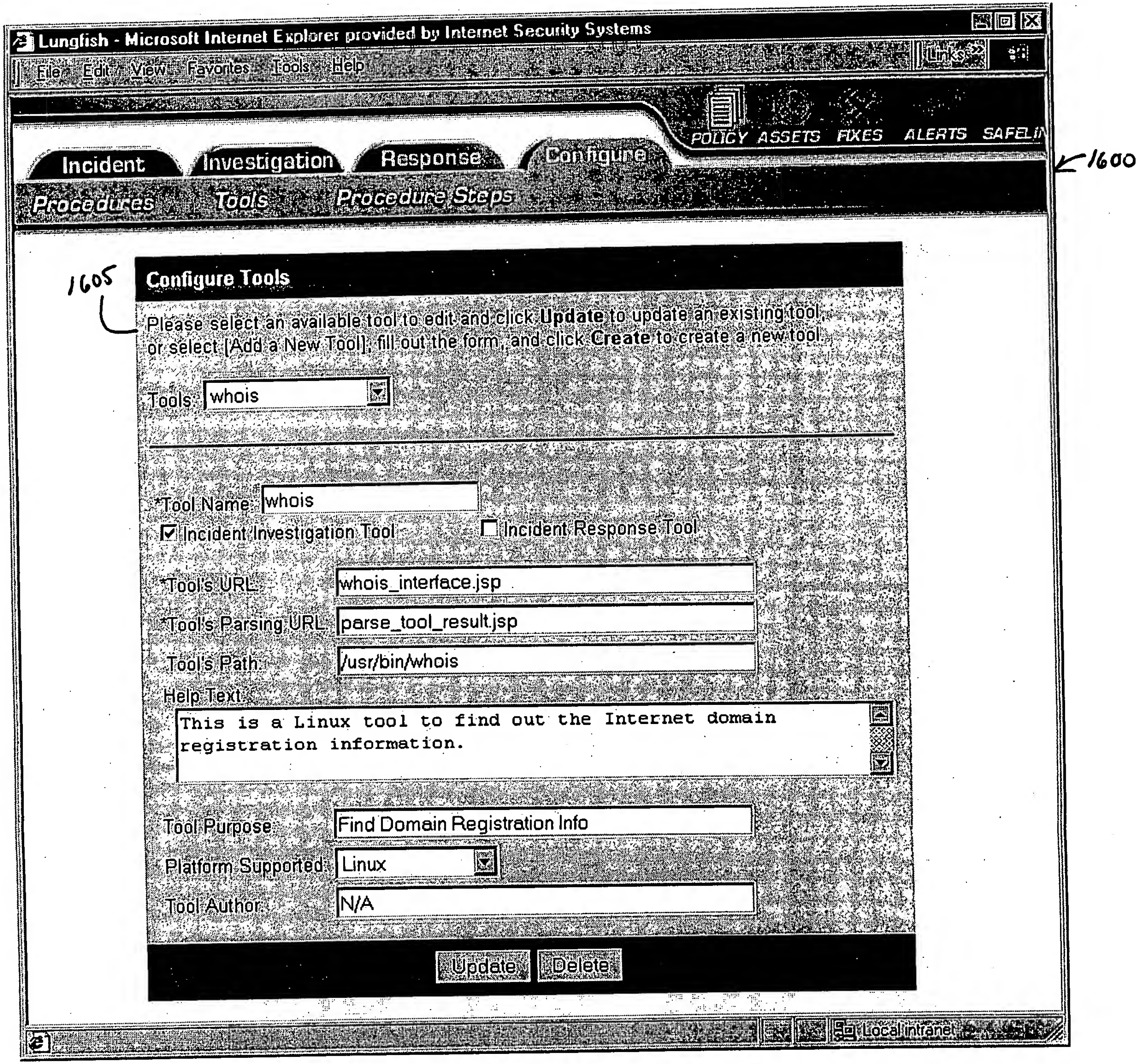
Help Text:

Tool Purpose:

Platform Supported: Not Applicable

Tool Author:

Fig. 15



**Configure Tools**

Please select an available tool to edit and click **Update** to update an existing tool, or select [Add a New Tool], fill out the form, and click **Create** to create a new tool.

Tools: whois

*Tool Name: whois

☑ Incident Investigation Tool ☐ Incident Response Tool

*Tool's URL: whois_interface.jsp

*Tool's Parsing URL: parse_tool_result.jsp

Tool's Path: /usr/bin/whois

Help Text:

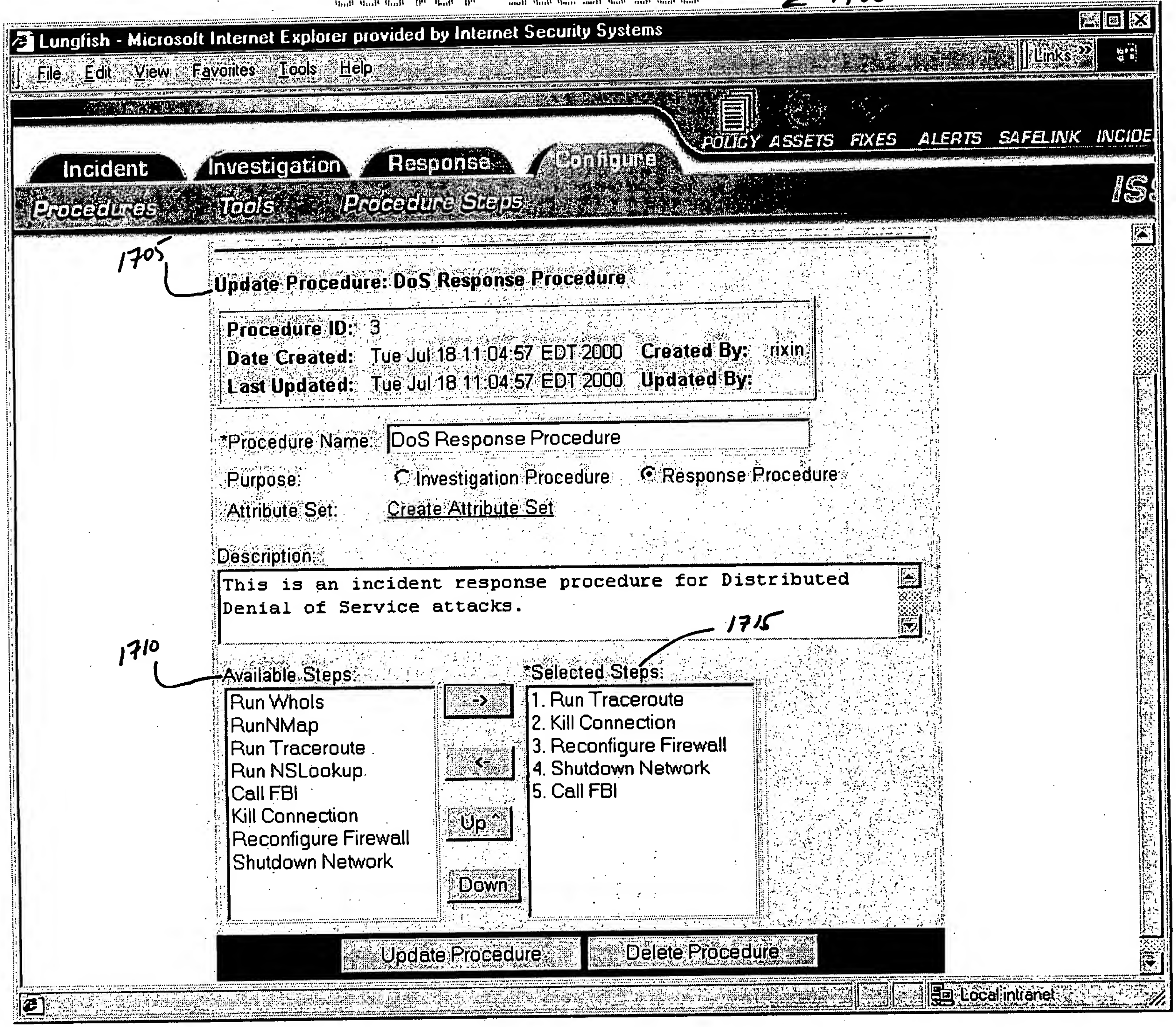
```
This is a Linux tool to find out the Internet domain
registration information.
```

Tool Purpose: Find Domain Registration Info

Platform Supported: Linux

Tool Author: N/A

Fig. 16


1700
Lungfish - Microsoft Internet Explorer provided by Internet Security Systems
File Edit View Favorites Tools Help
Links
POLICY ASSETS FIXES ALERTS SAFELINK INCIDE
Incident
Investigation
Response
Configure
Procedures
Tools
Procedure Steps
ISS
1705
1710
1715
->
<-
Up^
Down
Update Procedure
Delete Procedure
Local intranet

**Update Procedure: DoS Response Procedure**

**Procedure ID:** 3
**Date Created:** Tue Jul 18 11:04:57 EDT 2000 **Created By:** rixin
**Last Updated:** Tue Jul 18 11:04:57 EDT 2000 **Updated By:**

*Procedure Name: DoS Response Procedure

Purpose: ○ Investigation Procedure ● Response Procedure

Attribute Set: Create Attribute Set

Description:

```
This is an incident response procedure for Distributed
Denial of Service attacks.
```

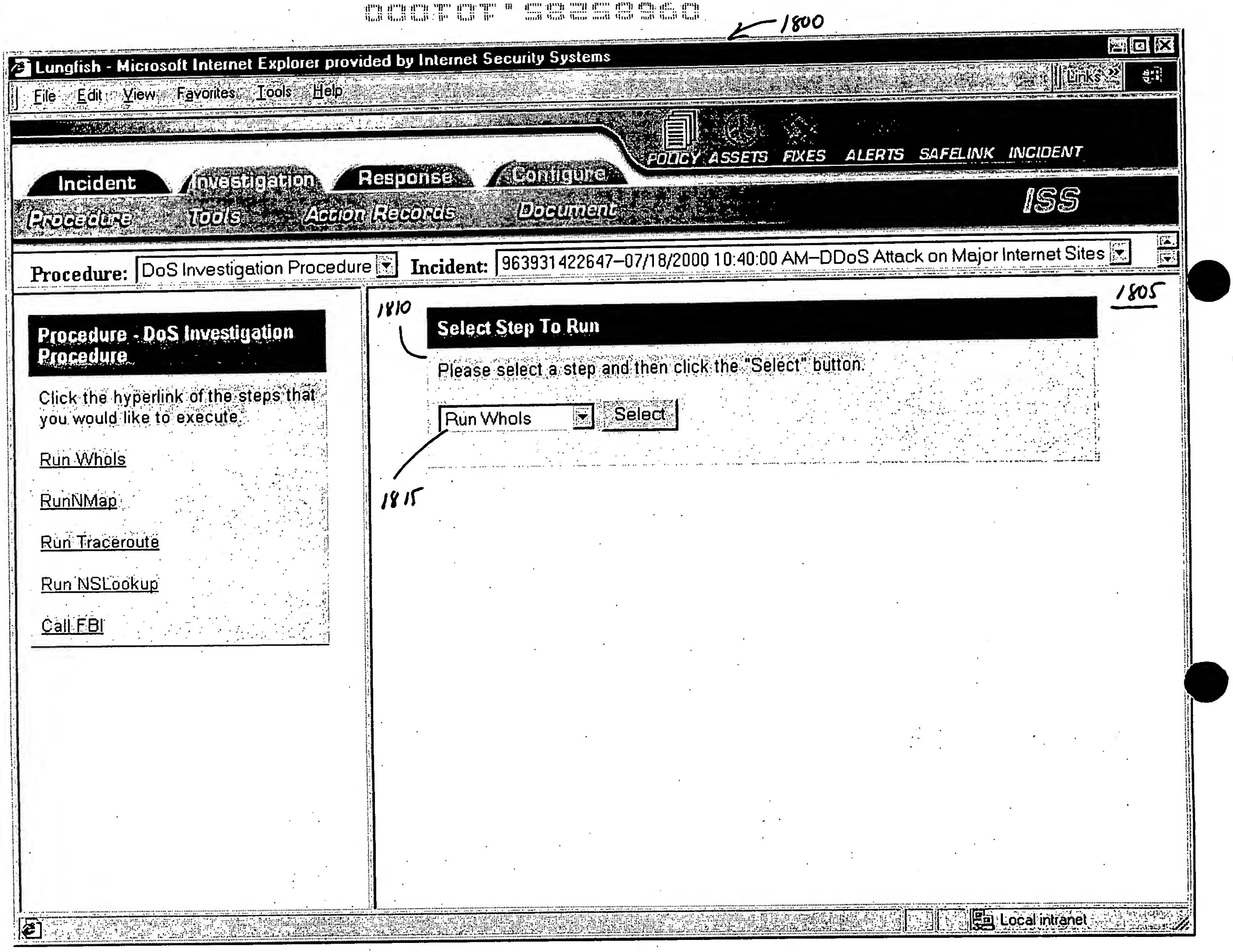
Available Steps:

- Run WhoIs
- RunNMap
- Run Traceroute
- Run NSLookup
- Call FBI
- Kill Connection
- Reconfigure Firewall
- Shutdown Network

*Selected Steps:

1. Run Traceroute
2. Kill Connection
3. Reconfigure Firewall
4. Shutdown Network
5. Call FBI

Fig. 17


1800
Lungfish - Microsoft Internet Explorer provided by Internet Security Systems
File Edit View Favorites Tools Help
Links
POLICY ASSETS FIXES ALERTS SAFELINK INCIDENT
Incident Investigation Response Configure
Procedure Tools Action Records Document
ISS
1805
1810
1815
Select
Local intranet

Procedure: DoS Investigation Procedure

Incident: 963931422647–07/18/2000 10:40:00 AM–DDoS Attack on Major Internet Sites

**Procedure - DoS Investigation Procedure**

Click the hyperlink of the steps that you would like to execute.

Run WhoIs

RunNMap

Run Traceroute

Run NSLookup

Call FBI

**Select Step To Run**

Please select a step and then click the "Select" button.

Run WhoIs

*Fig. 18*

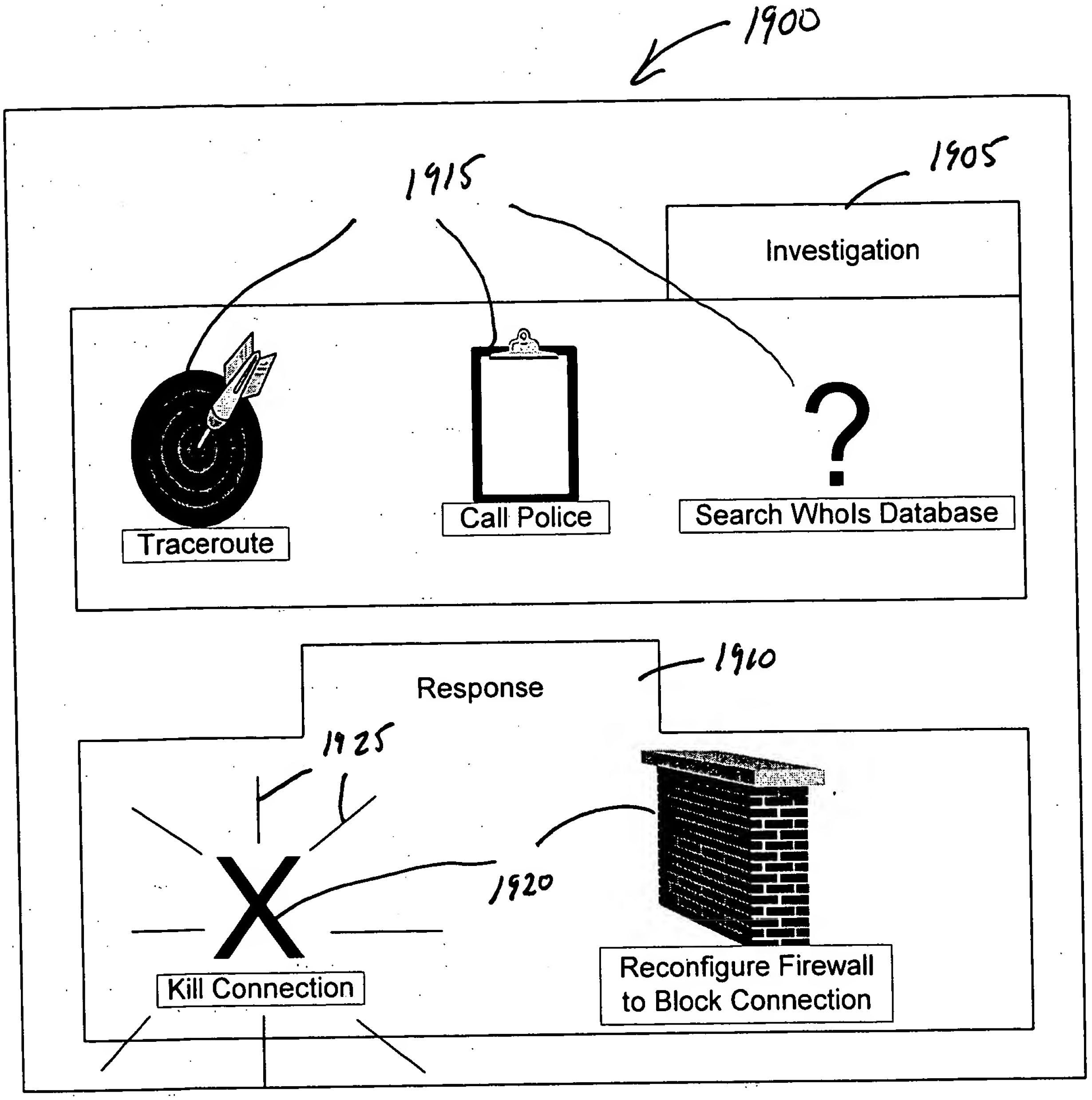
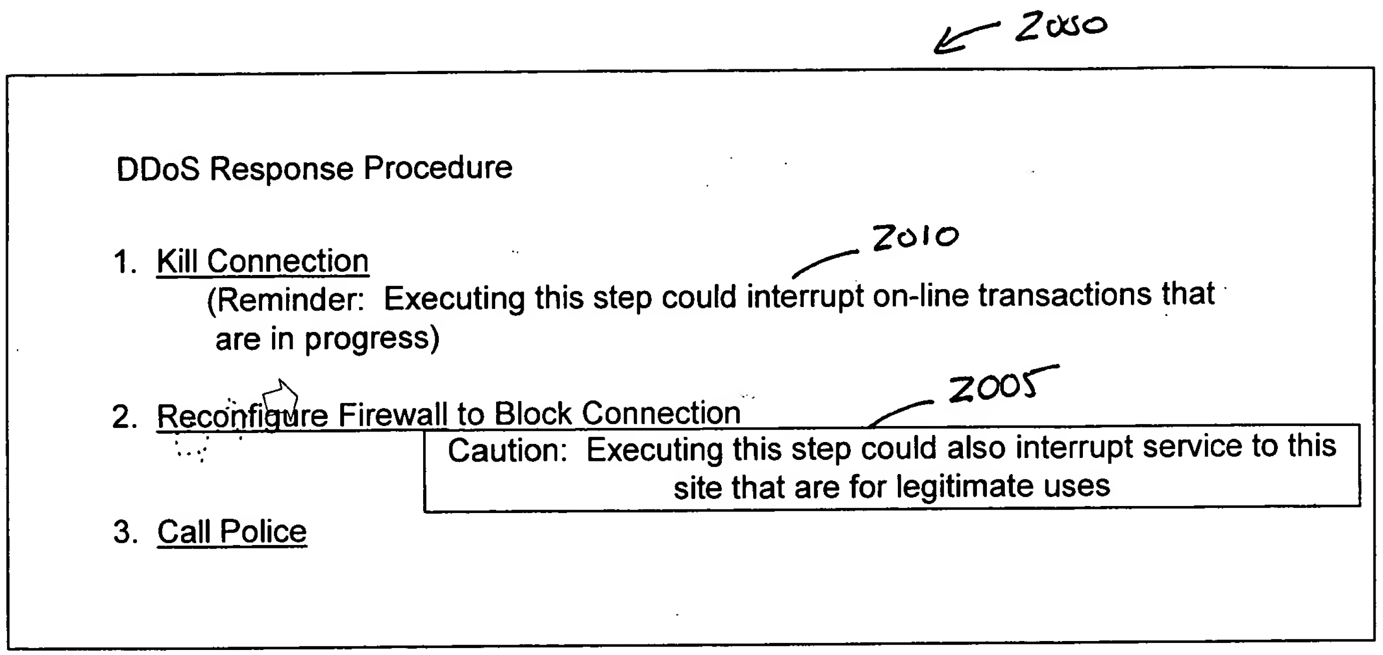

1900
1905
Investigation
1915
Traceroute
Call Police
Search WhoIs Database
1910
Response
1925
1920
Kill Connection
Reconfigure Firewall to Block Connection

FIG. 19



DDoS Response Procedure

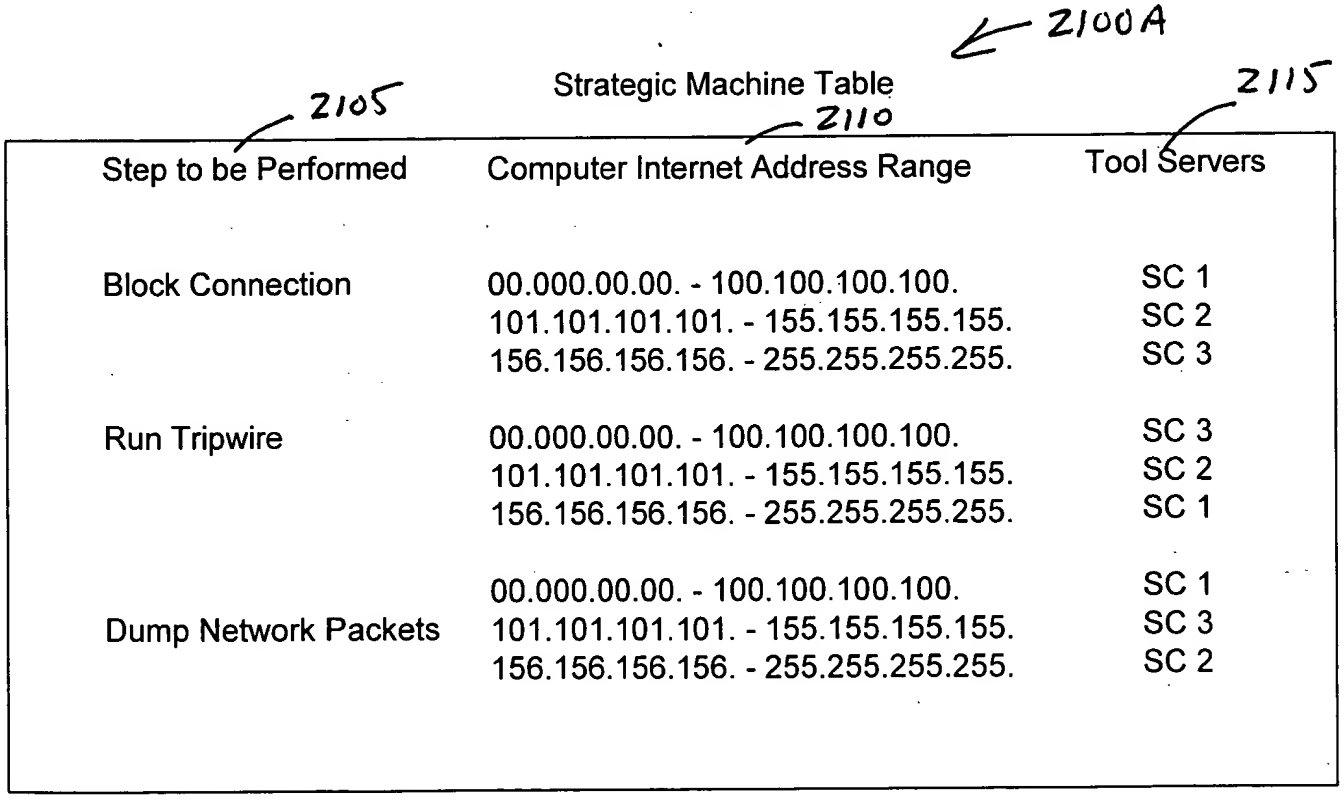
1. Kill Connection
   (Reminder: Executing this step could interrupt on-line transactions that are in progress)

2. Reconfigure Firewall to Block Connection

   Caution: Executing this step could also interrupt service to this site that are for legitimate uses

3. Call Police

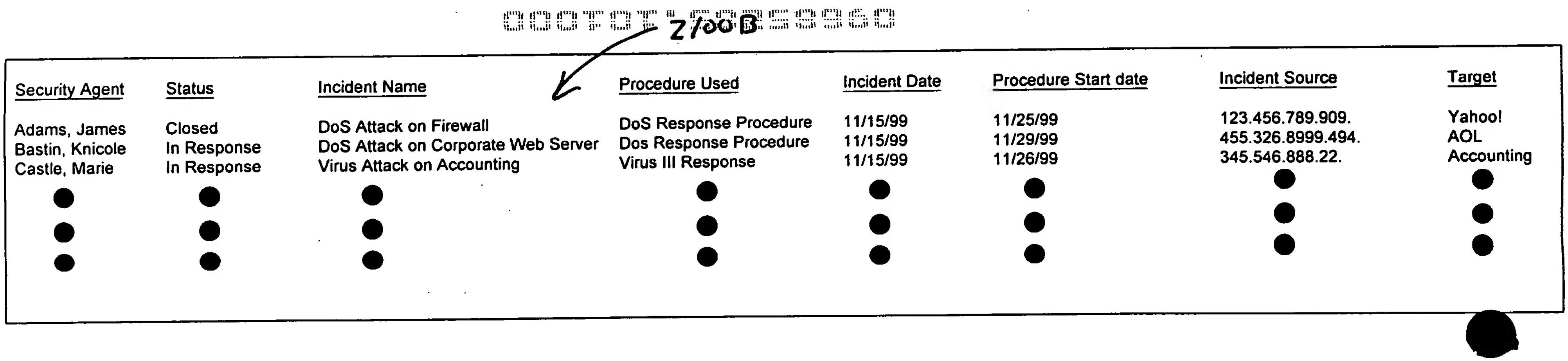
*FIG. 20*


2100A
2105
2110
2115

Strategic Machine Table

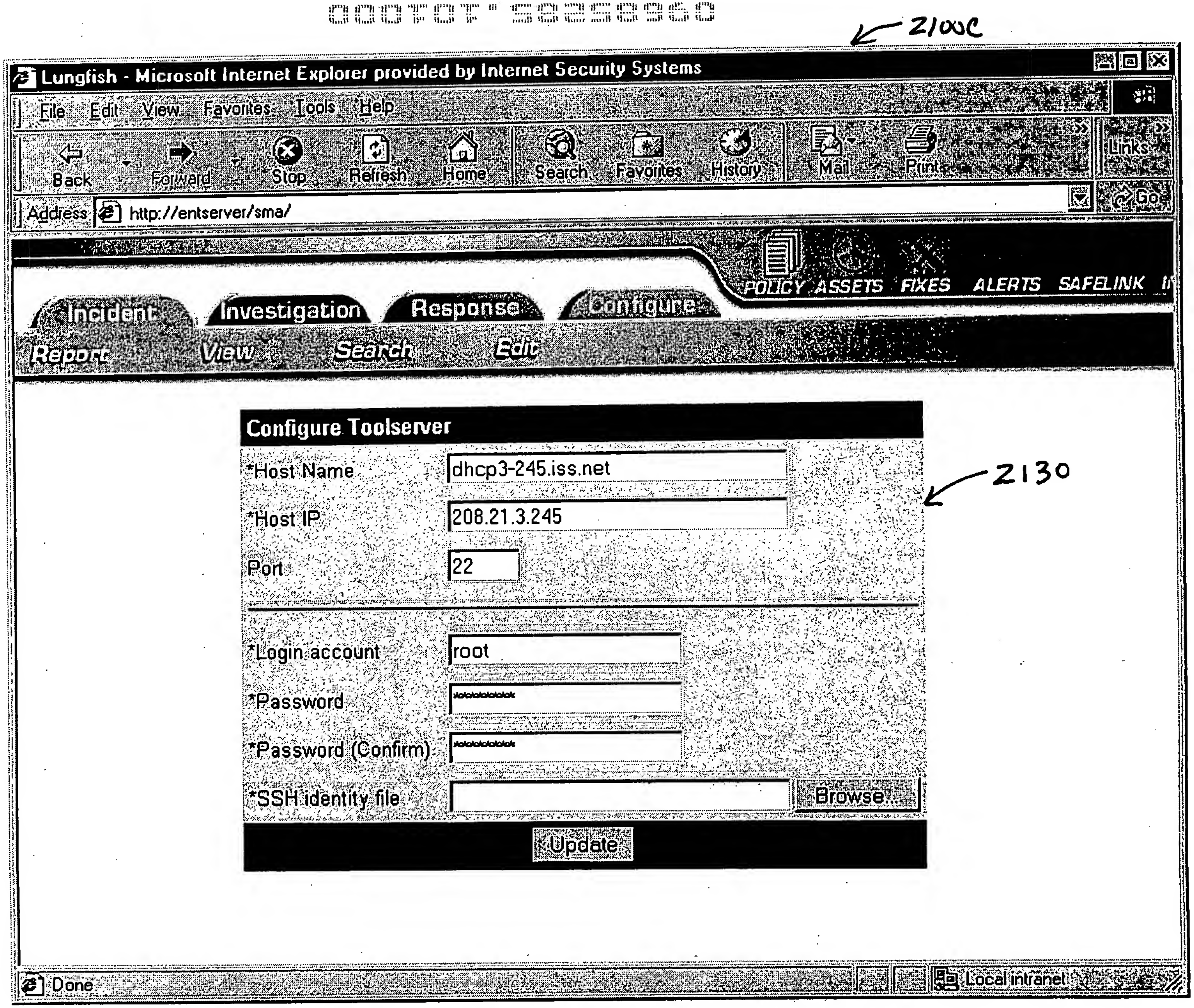
| Step to be Performed | Computer Internet Address Range | Tool Servers |
|---|---|---|
| Block Connection | 00.000.00.00. - 100.100.100.100. | SC 1 |
| | 101.101.101.101. - 155.155.155.155. | SC 2 |
| | 156.156.156.156. - 255.255.255.255. | SC 3 |
| Run Tripwire | 00.000.00.00. - 100.100.100.100. | SC 3 |
| | 101.101.101.101. - 155.155.155.155. | SC 2 |
| | 156.156.156.156. - 255.255.255.255. | SC 1 |
| Dump Network Packets | 00.000.00.00. - 100.100.100.100. | SC 1 |
| | 101.101.101.101. - 155.155.155.155. | SC 3 |
| | 156.156.156.156. - 255.255.255.255. | SC 2 |

*FIG. 21A*



| Security Agent | Status | Incident Name | Procedure Used | Incident Date | Procedure Start date | Incident Source | Target |
|---|---|---|---|---|---|---|---|
| Adams, James | Closed | DoS Attack on Firewall | DoS Response Procedure | 11/15/99 | 11/25/99 | 123.456.789.909. | Yahoo! |
| Bastin, Knicole | In Response | DoS Attack on Corporate Web Server | Dos Response Procedure | 11/15/99 | 11/29/99 | 455.326.8999.494. | AOL |
| Castle, Marie | In Response | Virus Attack on Accounting | Virus III Response | 11/15/99 | 11/26/99 | 345.546.888.22. | Accounting |
| ● | ● | ● | ● | ● | ● | ● | ● |
| ● | ● | ● | ● | ● | ● | ● | ● |
| ● | ● | ● | ● | ● | ● | ● | ● |

*FIG. 21B*



**Configure Toolserver**

|  |  |
|---|---|
| *Host Name | dhcp3-245.iss.net |
| *Host IP | 208.21.3.245 |
| Port | 22 |
| *Login account | root |
| *Password | ********* |
| *Password (Confirm) | ********* |
| *SSH identity file | Browse... |

Update

Fig. 21C

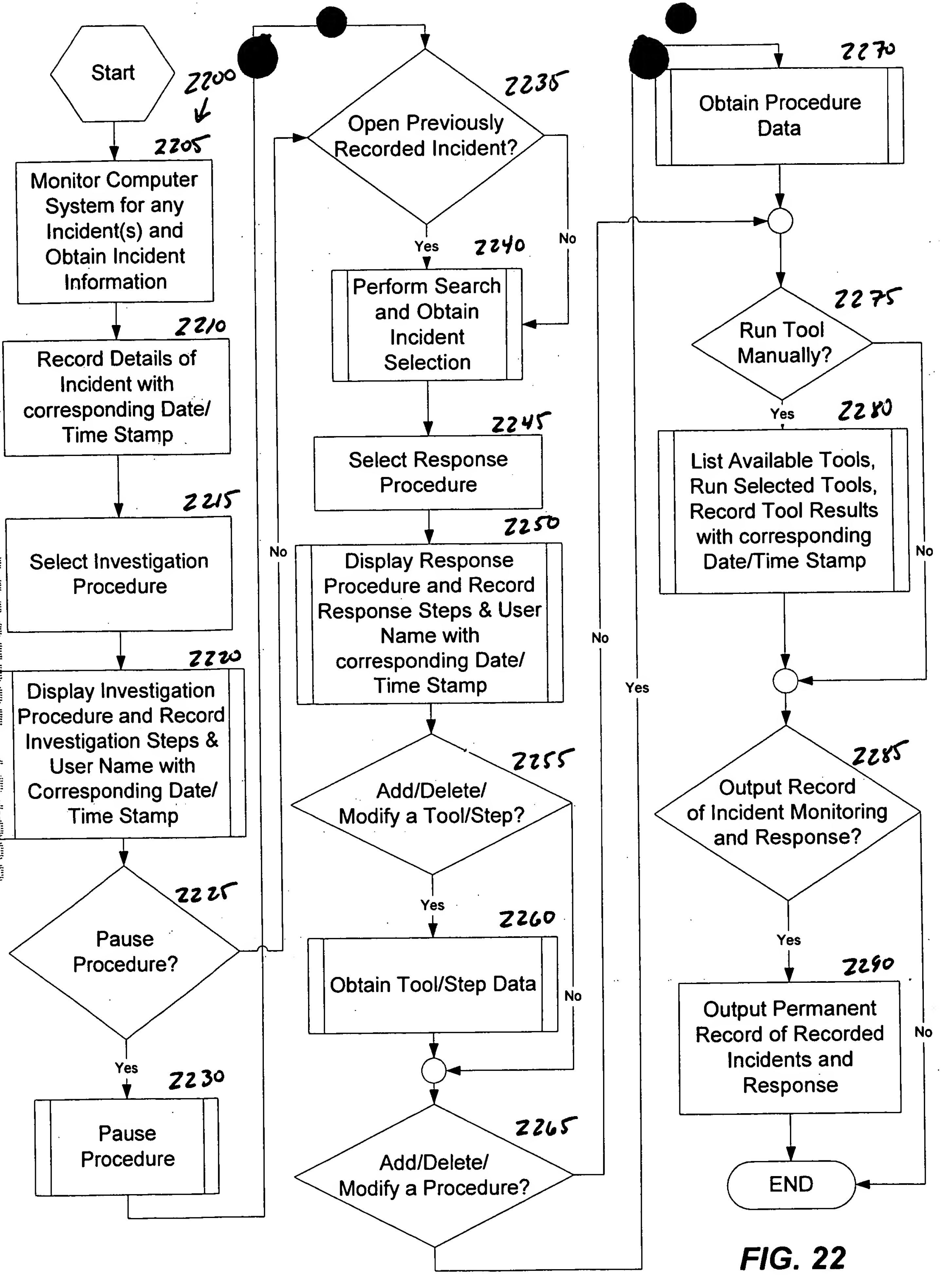

Start
2200
2205
Monitor Computer System for any Incident(s) and Obtain Incident Information
2210
Record Details of Incident with corresponding Date/ Time Stamp
2215
Select Investigation Procedure
2220
Display Investigation Procedure and Record Investigation Steps & User Name with Corresponding Date/ Time Stamp
2225
Pause Procedure?
Yes
2230
Pause Procedure
No
2235
Open Previously Recorded Incident?
Yes
2240
No
Perform Search and Obtain Incident Selection
2245
Select Response Procedure
2250
Display Response Procedure and Record Response Steps & User Name with corresponding Date/ Time Stamp
2255
Add/Delete/ Modify a Tool/Step?
Yes
2260
Obtain Tool/Step Data
No
2265
Add/Delete/ Modify a Procedure?
No
Yes
2270
Obtain Procedure Data
2275
Run Tool Manually?
Yes
2280
List Available Tools, Run Selected Tools, Record Tool Results with corresponding Date/Time Stamp
No
2285
Output Record of Incident Monitoring and Response?
Yes
2290
Output Permanent Record of Recorded Incidents and Response
No
END

FIG. 22

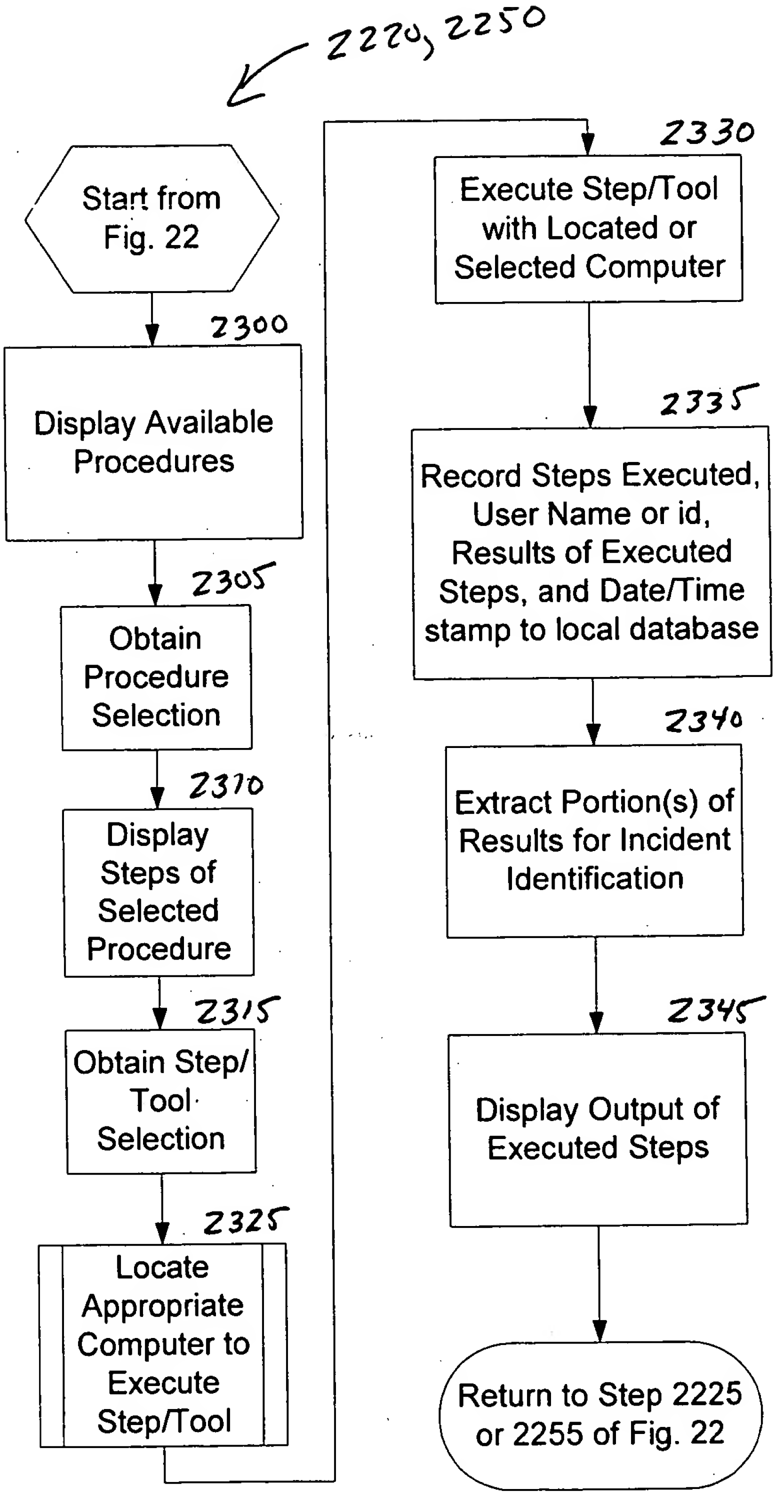

2220, 2250
Start from Fig. 22
2300
Display Available Procedures
2305
Obtain Procedure Selection
2310
Display Steps of Selected Procedure
2315
Obtain Step/ Tool Selection
2325
Locate Appropriate Computer to Execute Step/Tool
2330
Execute Step/Tool with Located or Selected Computer
2335
Record Steps Executed, User Name or id, Results of Executed Steps, and Date/Time stamp to local database
2340
Extract Portion(s) of Results for Incident Identification
2345
Display Output of Executed Steps
Return to Step 2225 or 2255 of Fig. 22

*FIG. 23*

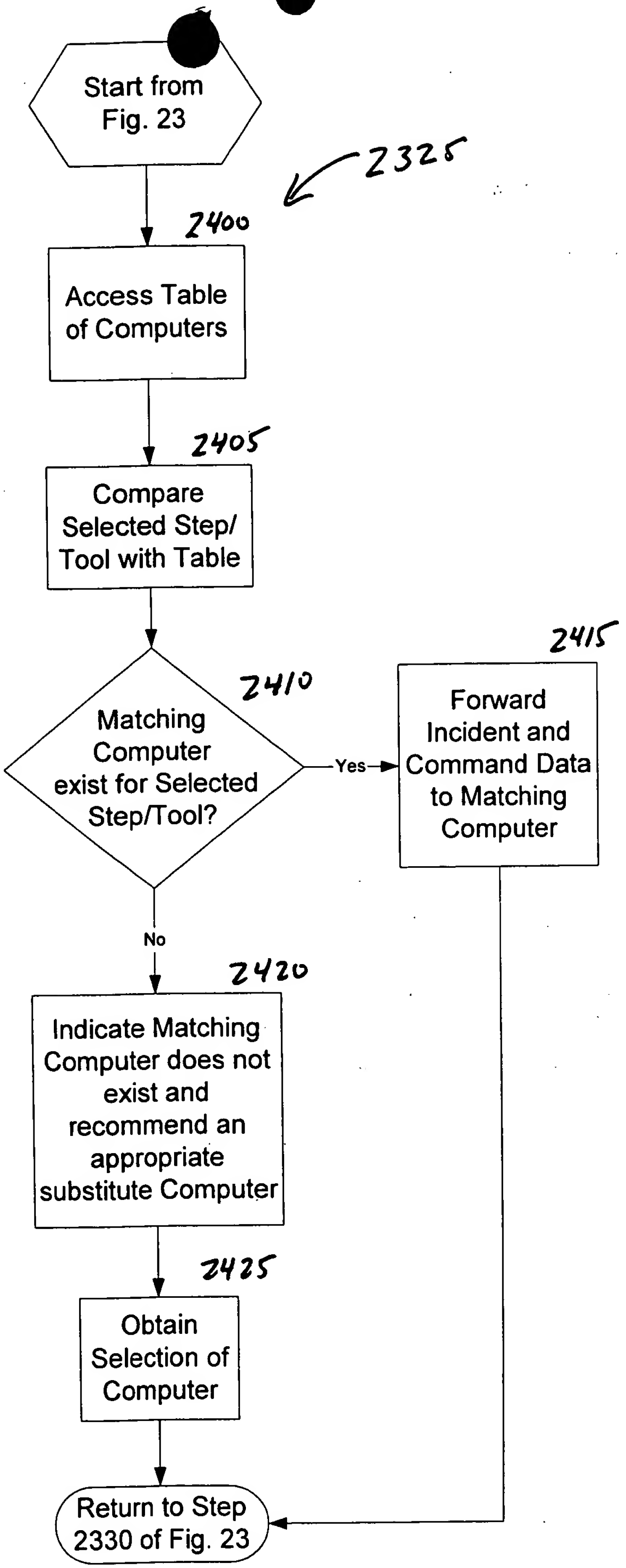

Start from Fig. 23
2325
2400
Access Table of Computers
2405
Compare Selected Step/ Tool with Table
2410
Matching Computer exist for Selected Step/Tool?
Yes
2415
Forward Incident and Command Data to Matching Computer
No
2420
Indicate Matching Computer does not exist and recommend an appropriate substitute Computer
2425
Obtain Selection of Computer
Return to Step 2330 of Fig. 23

FIG. 24

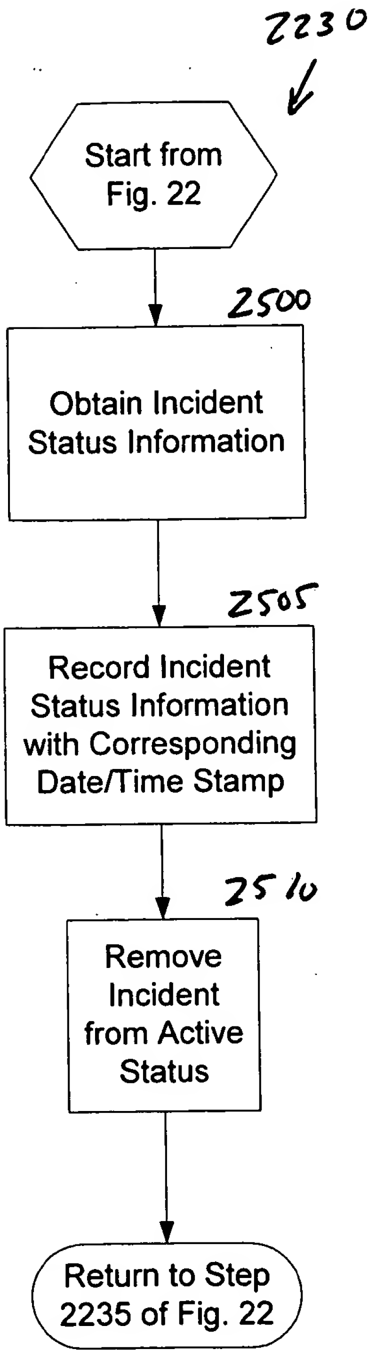

2230
Start from Fig. 22
2500
Obtain Incident Status Information
2505
Record Incident Status Information with Corresponding Date/Time Stamp
2510
Remove Incident from Active Status
Return to Step 2235 of Fig. 22

FIG. 25

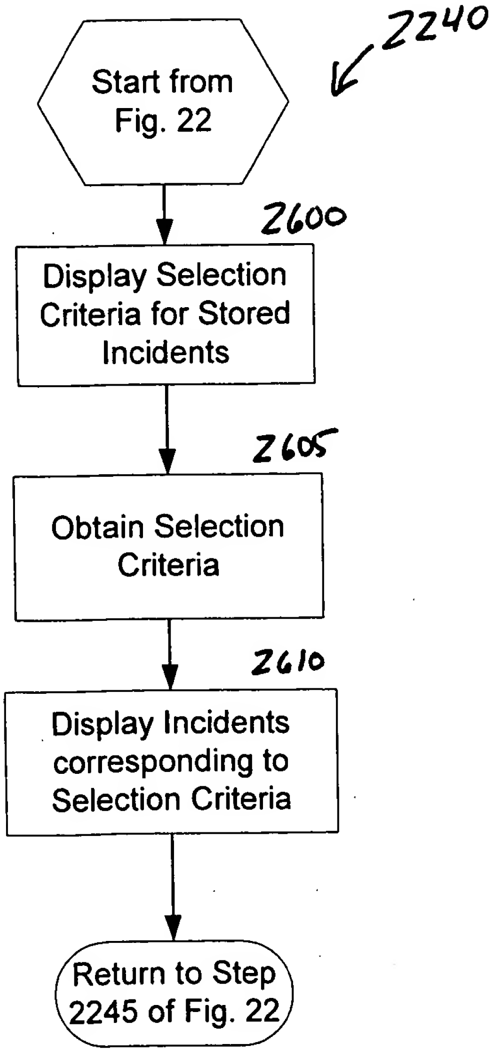

2240
Start from Fig. 22
2600
Display Selection Criteria for Stored Incidents
2605
Obtain Selection Criteria
2610
Display Incidents corresponding to Selection Criteria
Return to Step 2245 of Fig. 22

FIG. 26

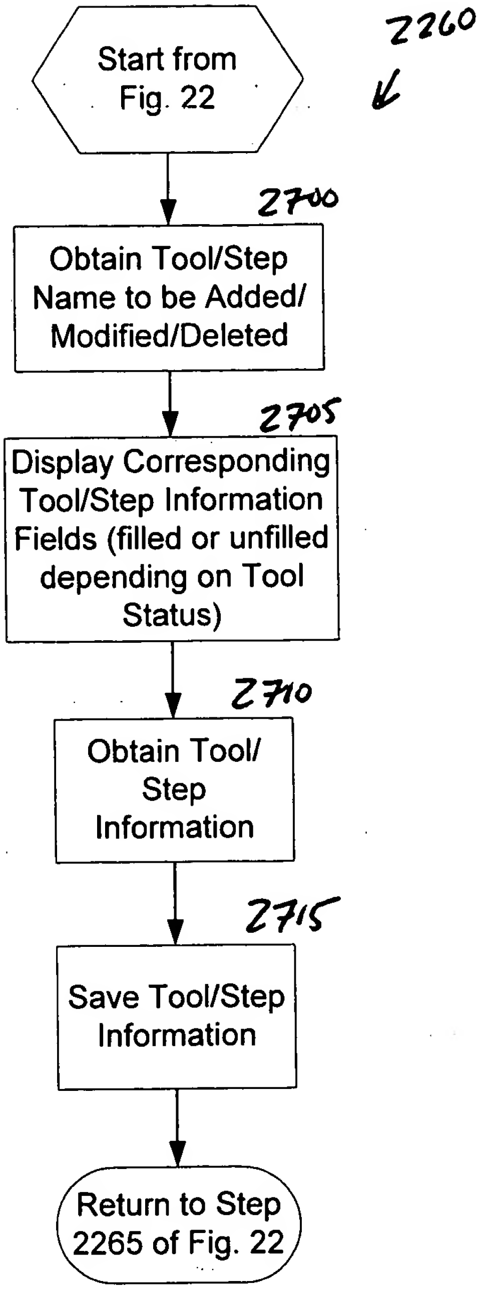

2260
Start from Fig. 22
2700
Obtain Tool/Step Name to be Added/ Modified/Deleted
2705
Display Corresponding Tool/Step Information Fields (filled or unfilled depending on Tool Status)
2710
Obtain Tool/ Step Information
2715
Save Tool/Step Information
Return to Step 2265 of Fig. 22

FIG. 27

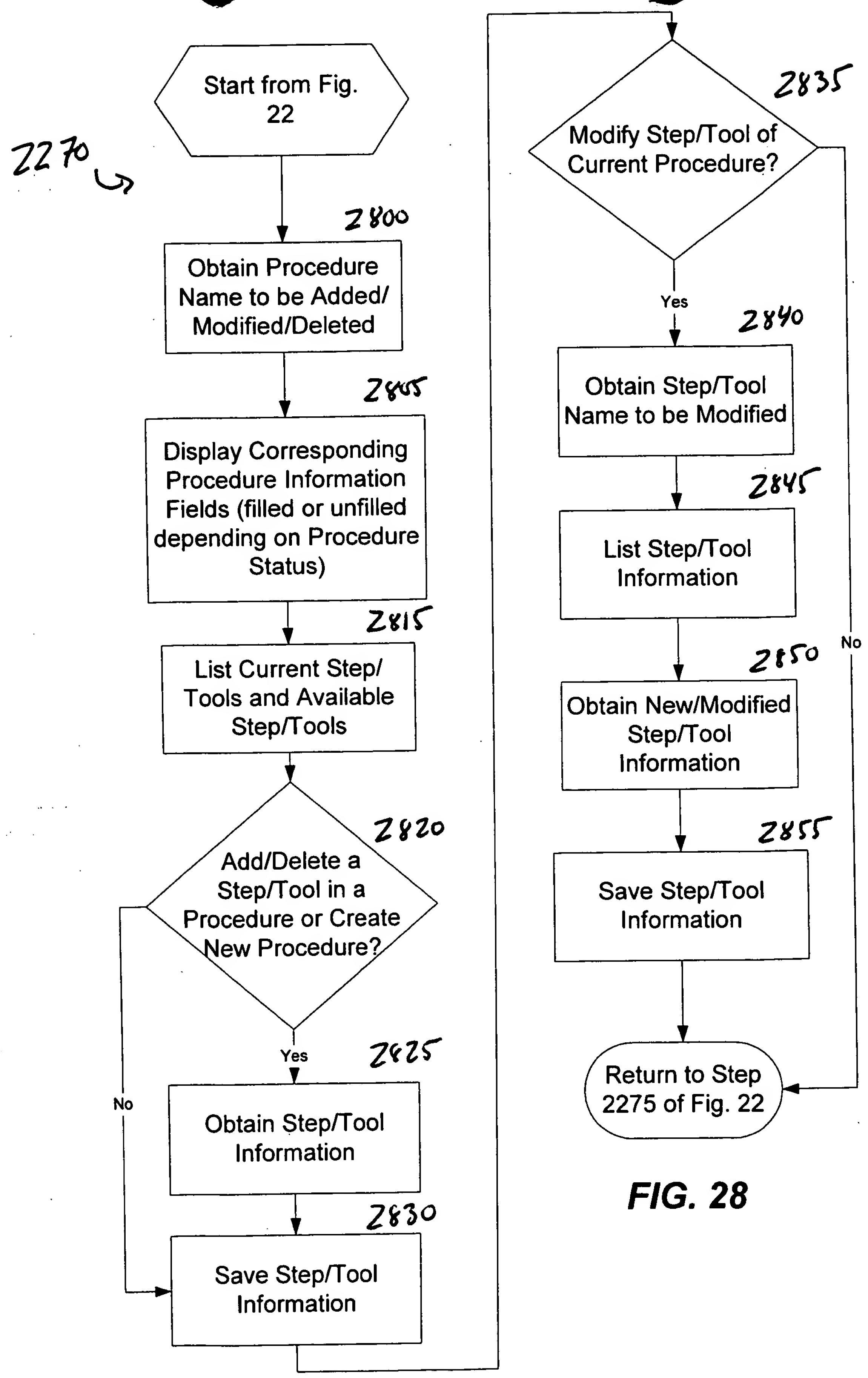
2270
Start from Fig. 22
2800
Obtain Procedure Name to be Added/ Modified/Deleted
2805
Display Corresponding Procedure Information Fields (filled or unfilled depending on Procedure Status)
2815
List Current Step/ Tools and Available Step/Tools
2820
Add/Delete a Step/Tool in a Procedure or Create New Procedure?
No
Yes
2825
Obtain Step/Tool Information
2830
Save Step/Tool Information
2835
Modify Step/Tool of Current Procedure?
Yes
No
2840
Obtain Step/Tool Name to be Modified
2845
List Step/Tool Information
2850
Obtain New/Modified Step/Tool Information
2855
Save Step/Tool Information
Return to Step 2275 of Fig. 22

*FIG. 28*

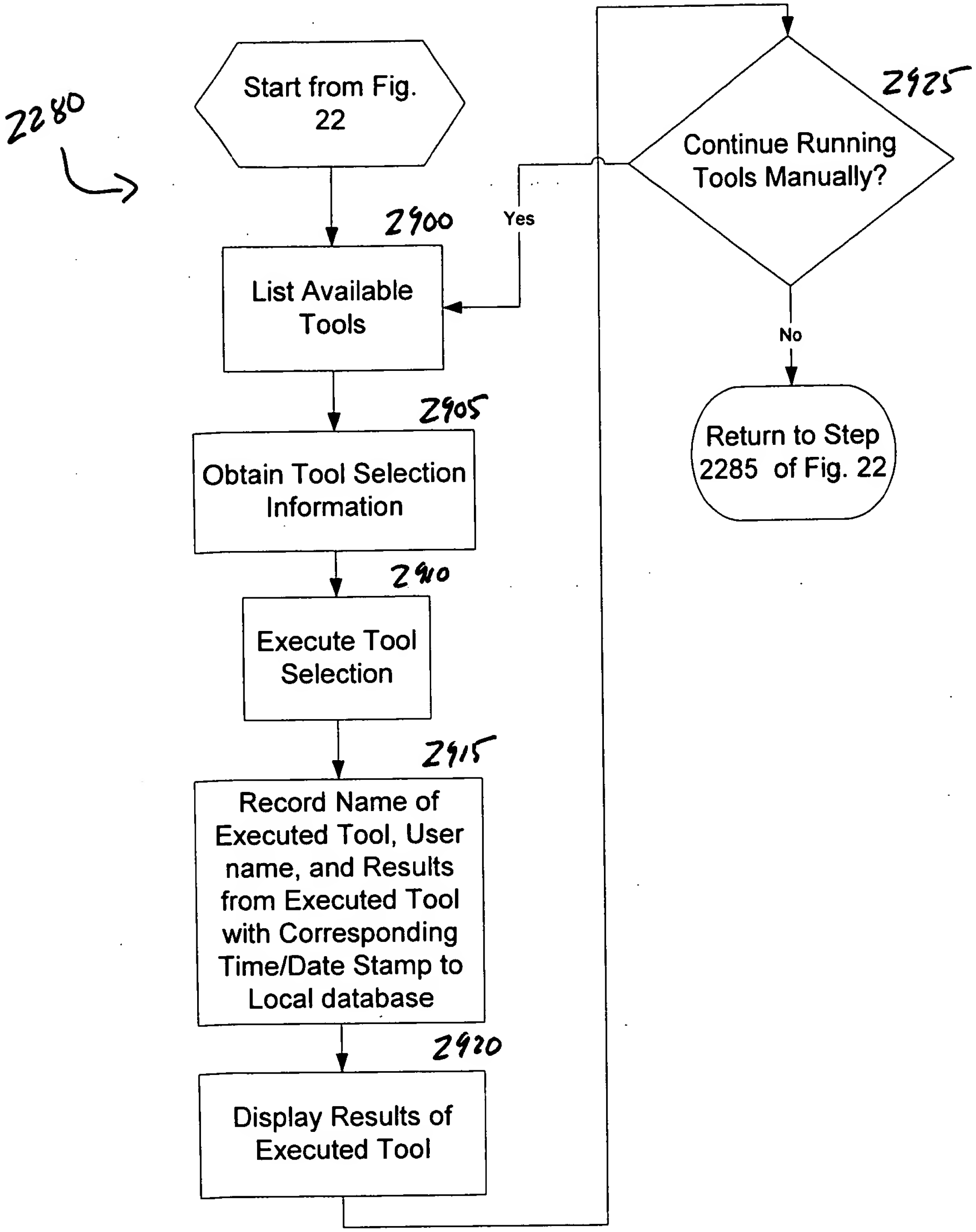

2280
Start from Fig. 22
2900
List Available Tools
2905
Obtain Tool Selection Information
2910
Execute Tool Selection
2915
Record Name of Executed Tool, User name, and Results from Executed Tool with Corresponding Time/Date Stamp to Local database
2920
Display Results of Executed Tool
2925
Continue Running Tools Manually?
Yes
No
Return to Step 2285 of Fig. 22

FIG. 29